

s.15(1)

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO: RUSSIAN FEDERATION

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/16/0049/F14/O**
2. OS MESSAGE DATE AND TIME: **151625ZJUL16**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: **OS/CA/16/0043/F12/O**
5. CONTENT
 - A. OBSERVATION FLIGHT
 - (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
 - (b) OBSERVING PARTY:
 - (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **OS-16-136(CA),**
 - (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **041317ZJUL16**
 - (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
 - (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **C-130J**
 - B. ITINERARY
 - (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: **TIKSI**
 - (i) ICAO DESIGNATOR: **UEST**
 - (ii) GEOGRAPHIC CO-ORDINATES:
714144N, 1285402E
 - (b) DATE AND TIME OF TAKEOFF: **070159ZJUL16**
 - (c) LEGS OF THIS SEGMENT:
 - 1, **714359N1285719E**
 - 2, **751730N1353228E**
 - 3, **755951N1354618E**
 - 4, **760035N1370922E**
 - 5, **753914N1380517E**

6, 754220N1374738E
 7, 755615N1371157E
 8, 755119N1371353E
 9, 753428N1375215E
 10, 753823N1373237E
 11, 754718N1371128E
 12, 753226N1370324E
 13, 752035N1380238E
 14, 752726N1372129E
 15, 752717N1370640E
 16, 751236N1365657E
 17, 745810N1374807E
 18, 744339N1381249E
 19, 745158N1411425E
 20, 745510N1432117E
 21, 750832N1450730E
 22, 742341N1401428E
 23, 735635N1401741E
 24, 735052N1405907E
 25, 734544N1405722E
 26, 733430N1404604E
 27, 732619N1401955E
 28, 731832N1394357E
 29, 714420N1290626E
 30, 714144N1285402E

(d) LANDING AIRFIELD: TIKSI

(i) ICAO DESIGNATOR: UEST

(ii) GEOGRAPHIC CO-ORDINATES:
 714144N, 1285402E

(e) DATE AND TIME OF LANDING: 070624ZJUL16

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 1844

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__-L4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	3	1	928 1030	752203N1353335E 755417N1354420E	070300ZJUL16 070308ZJUL16	10/10
1	5	1	911 1023	755408N1372625E 754222N1375717E	070316ZJUL16 070319ZJUL16	10/10
1	7	2	851 851	754447N1374115E 755103N1372516E	070324ZJUL16 070326ZJUL16	10/10
1	12	3	985 1030	754526N1371053E 753344N1370417E	070345ZJUL16 070348ZJUL16	10/10
1	13	1	900 1040	753039N1371223E 752112N1375925E	070353ZJUL16 070357ZJUL16	10/10
1	16	1	979 1034	752305N1370413E 751346N1365815E	070405ZJUL16 070407ZJUL16	10/10

1	17	1	997 1047	750941N1370732E 745932N1374321E	070408ZJUL16 070411ZJUL16	10/10
1	18	1	1005 1047	745606N1375201E 744625N1380824E	070412ZJUL16 070415ZJUL16	10/10
1	19	1	966 1048	744525N1384612E 745011N1402856E	070417ZJUL16 070423ZJUL16	10/10
1	20	1	851 851	745312N1415537E 745400N1422700E	070428ZJUL16 070430ZJUL16	10/10
1	21	1	851 851	745731N1433859E 750506N1443902E	070434ZJUL16 070439ZJUL16	10/10
1	23	1	851 851	741627N1401524E 735925N1401724E	070506ZJUL16 070511ZJUL16	10/10
1	26	1	1072 1077	734424N1405608E 733602N1404744E	070516ZJUL16 070518ZJUL16	1B/1B
1	27	1	1082 1086	733246N1404101E 732726N1402337E	070519ZJUL16 070521ZJUL16	1B/1B
1	28	1	956 1088	732546N1401728E 732021N1395235E	070522ZJUL16 070524ZJUL16	1B/1B

(2) SENSOR USED: PG-OF__-V4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	3	1	928 1030	752203N1353335E 755417N1354420E	070300ZJUL16 070308ZJUL16	10/10
1	5	1	911 1023	755408N1372625E 754222N1375717E	070316ZJUL16 070319ZJUL16	10/10

(3) SENSOR USED: PG-OF__-R4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	3	1	928 1030	752203N1353335E 755417N1354420E	070300ZJUL16 070308ZJUL16	10/10
1	5	1	911 1023	755408N1372625E 754222N1375717E	070316ZJUL16 070319ZJUL16	10/10
1	7	2	851 851	754447N1374115E 755103N1372516E	070324ZJUL16 070326ZJUL16	10/10
1	12	3	985 1030	754526N1371053E 753344N1370417E	070345ZJUL16 070348ZJUL16	10/10
1	13	1	900 1040	753039N1371223E 752112N1375925E	070353ZJUL16 070357ZJUL16	10/10
1	16	1	979	752305N1370413E	070405ZJUL16	10/10

			1034	751346N1365815E	070407ZJUL16	
1	17	1	997 1047	750941N1370732E 745932N1374321E	070408ZJUL16 070411ZJUL16	1O/1O
1	18	1	1005 1047	745606N1375201E 744625N1380824E	070412ZJUL16 070415ZJUL16	1O/1O
1	19	1	966 1048	744525N1384612E 745011N1402856E	070417ZJUL16 070423ZJUL16	1O/1O
1	20	1	851 851	745312N1415537E 745400N1422700E	070428ZJUL16 070430ZJUL16	1O/1O
1	21	1	851 851	745731N1433859E 750506N1443902E	070434ZJUL16 070439ZJUL16	1O/1O
1	23	1	851 851	741627N1401524E 735925N1401724E	070506ZJUL16 070511ZJUL16	1O/1O
1	26	1	1072 1077	734424N1405608E 733602N1404744E	070516ZJUL16 070518ZJUL16	1B/1B
1	27	1	1082 1086	733246N1404101E 732726N1402337E	070519ZJUL16 070521ZJUL16	1B/1B
1	28	1	956 1088	732546N1401728E 732021N1395235E	070522ZJUL16 070524ZJUL16	1B/1B

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: **YES**
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: **YES**
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

- (1) PREFLIGHT-INSPECTION: **OK**
- (2) FILM PROCESSED BY: **CANADA**
- (3) SENSOR PG-OF_-VF HAD TECHNICAL DIFFICULTIES AND WAS TURNED OFF FOR A PORTION OF SEGMENT 1.
- (4) SEGMENT TWO WAS NOT FLOWN DUE TO AN AIRCRAFT SERVICEABILITY ISSUE.
- (5) RU REMARK: RUSSIAN SPECIALISTS DO NOT PLAN ON PARTICIPATING IN MEDIA PROCESSING OF THE OBSERVATION FLIGHT.

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJ WEBER (CA),**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **081020ZJUL16**

6. REMARKS:

s.15(1)

CANADA AND WOULD LIKE TO THANK THE RUSSIAN FEDERATION FOR THEIR
SUPPORT, PROFESSIONALISM AND COOPERATION DURING THIS OBSERVATION MISSION.

7. END OF OS MESSAGE NUMBER: OS/CA/16/0049/F14/O

OS FORMAT 14

PRECEDENCE: **ROUTINE**

FROM: **CANADA**

TO: **ALL STATES PARTIES**

INFO: **RUSSIAN FEDERATION**

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/16/0035/F14/O**
2. OS MESSAGE DATE AND TIME: **041714ZMAY16**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE:
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
 - (b) OBSERVING PARTY:
 - (c) OBSERVING PARTY:
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **OS-16-137 (CA);**
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **181302ZAPR16**
- (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **C-130J**

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: **KUBINKA**
 - (i) ICAO DESIGNATOR: **UUMB**
 - (ii) GEOGRAPHIC CO-ORDINATES:
553641N, 0363852E
 - (b) DATE AND TIME OF TAKEOFF: **200555ZAPR16**
 - (c) LEGS OF THIS SEGMENT:
1, 562302N0360438E
2, 565908N0353804E

3, 574311N0365657E
4, 584216N0383724E
5, 600359N0395932E
6, 611357N0402103E
7, 632047N0404656E
8, 641010N0413815E
9, 641758N0412044E
10, 642249N0405828E
11, 642306N0403208E
12, 642837N0402013E
13, 643136N0395713E
14, 644006N0391328E
15, 631302N0341051E
16, 624848N0345224E
17, 623139N0342548E
18, 620208N0334105E
19, 613613N0345656E
20, 602407N0325615E
21, 593845N0310845E
22, 594106N0302018E

(d) LANDING AIRFIELD: **PUSHKIN**

(i) ICAO DESIGNATOR: **ULLP**

(ii) GEOGRAPHIC CO-ORDINATES:
594906N, 0302018E

(e) DATE AND TIME OF LANDING:

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **PUSHKIN**

(i) ICAO DESIGNATOR: **ULLP**

(ii) GEOGRAPHIC CO-ORDINATES:
594906N, 0302018E

(b) DATE AND TIME OF TAKEOFF: **210900ZAPR16**

(c) LEGS OF THIS SEGMENT:

1, 594056N0301512E
2, 600332N0301424E
3, 601708N0300652E
4, 601119N0291637E
5, 600651N0291828E
6, 595643N0295504E
7, 595845N0285956E
8, 593420N0292736E
9, 585240N0294410E
10, 583132N0295459E
11, 582419N0292736E
12, 580549N0285116E
13, 575657N0281025E
14, 573830N0282927E
15, 573713N0275511E
16, 570530N0284534E
17, 565321N0310801E
18, 560947N0345544E
19, 560341N0352152E
20, 555335N0360459E

21, 553215N0364858E
 22, 552642N0363159E
 23, 553641N0363852E

(d) LANDING AIRFIELD: KUBINKA

(i) ICAO DESIGNATOR: UUMB

(ii) GEOGRAPHIC CO-ORDINATES:
 553641N, 0363852E

(e) DATE AND TIME OF LANDING: 211159ZAPR16

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 1233

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__L4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
2	2	1	851 851	594612N0301503E 600104N0301430E	210901ZAPR16 210905ZAPR16	1B
2	3	1	1013 1034	600515N0301326E 601327N0300856E	210906ZAPR16 210908ZAPR16	1O
2	6	1	851 851	600236N0293401E 595803N0295021E	210919ZAPR16 210921ZAPR16	1O
2	7	1	851 851	595726N0293639E 595815N0291454E	210928ZAPR16 210931ZAPR16	1O
2	8	1	990 1003	595604N0290302E 593544N0292601E	210938ZAPR16 210943ZAPR16	1O
2	10	1	851 851	584900N0294605E 583410N0295342E	210955ZAPR16 210958ZAPR16	1S
2	12	1	1000 1013	581638N0291227E 580904N0285739E	211006ZAPR16 211009ZAPR16	1O
2	14	1	851 851	575155N0281539E 574216N0282537E	211017ZAPR16 211020ZAPR16	1O
2	16	1	851 851	572821N0280933E 571300N0283354E	211029ZAPR16 211034ZAPR16	1O
2	17	1	851 851	565958N0295449E 565950N0295635E	211045ZAPR16 211045ZAPR16	1C
2	17	2	851 851	565739N0302136E 565648N0303106E	211049ZAPR16 211050ZAPR16	1C
2	18	1	851 851	564226N0320919E 563856N0322823E	211103ZAPR16 211106ZAPR16	1S
2	18	2	851 851	562732N0332813E 562359N0334613E	211115ZAPR16 211117ZAPR16	1O

2	18	3	851 851	561941N0340741E 561421N0343348E	211120ZAPR16 211124ZAPR16	1B
2	20	1	855 863	560231N0352651E 560038N0353502E	211132ZAPR16 211133ZAPR16	1C
2	21	1	851 851	555002N0361219E 553354N0364535E	211139ZAPR16 211145ZAPR16	1C

(2) SENSOR USED: PG-OF__-V4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
2	2	1	851 851	594612N0301503E 600104N0301430E	210901ZAPR16 210905ZAPR16	1B
2	3	1	1013 1034	600515N0301326E 601327N0300856E	210906ZAPR16 210908ZAPR16	1O
2	6	1	851 851	600236N0293401E 595803N0295021E	210919ZAPR16 210921ZAPR16	1O
2	7	1	851 851	595726N0293639E 595815N0291454E	210928ZAPR16 210931ZAPR16	1O
2	8	1	990 1003	595604N0290302E 593544N0292601E	210938ZAPR16 210943ZAPR16	1O
2	10	1	851 851	584900N0294605E 583410N0295342E	210955ZAPR16 210958ZAPR16	1S
2	12	1	1000 1013	581638N0291227E 580904N0285739E	211006ZAPR16 211009ZAPR16	1O
2	14	1	851 851	575155N0281539E 574216N0282537E	211017ZAPR16 211020ZAPR16	1O
2	16	1	851 851	572821N0280933E 571300N0283354E	211029ZAPR16 211034ZAPR16	1O
2	17	1	851 851	565958N0295449E 565950N0295635E	211045ZAPR16 211045ZAPR16	1C
2	17	2	851 851	565739N0302136E 565648N0303106E	211049ZAPR16 211050ZAPR16	1C
2	18	1	851 851	564226N0320919E 563856N0322823E	211103ZAPR16 211106ZAPR16	1S
2	18	2	851 851	562732N0332813E 562359N0334613E	211115ZAPR16 211117ZAPR16	1O
2	18	3	851 851	561941N0340741E 561421N0343348E	211120ZAPR16 211124ZAPR16	1B
2	20	1	855 863	560231N0352651E 560038N0353502E	211132ZAPR16 211133ZAPR16	1C
2	21	1	851 851	555002N0361219E 553354N0364535E	211139ZAPR16 211145ZAPR16	1C

(3) SENSOR USED: PG-OF__-R4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
2	2	1	851 851	594612N0301503E 600104N0301430E	210901ZAPR16 210905ZAPR16	1B
2	3	1	1013 1034	600515N0301326E 601327N0300856E	210906ZAPR16 210908ZAPR16	1O
2	6	1	851 851	600236N0293401E 595803N0295021E	210919ZAPR16 210921ZAPR16	1O
2	7	1	851 851	595726N0293639E 595815N0291454E	210928ZAPR16 210931ZAPR16	1O
2	8	1	990 1003	595604N0290302E 593544N0292601E	210938ZAPR16 210943ZAPR16	1O
2	10	1	851 851	584900N0294605E 583410N0295342E	210955ZAPR16 210958ZAPR16	1S
2	12	1	1000 1013	581638N0291227E 580904N0285739E	211006ZAPR16 211009ZAPR16	1O
2	14	1	851 851	575155N0281539E 574216N0282537E	211017ZAPR16 211020ZAPR16	1O
2	16	1	851 851	572821N0280933E 571300N0283354E	211029ZAPR16 211034ZAPR16	1O
2	17	1	851 851	565958N0295449E 565950N0295635E	211045ZAPR16 211045ZAPR16	1C
2	17	2	851 851	565739N0302136E 565648N0303106E	211049ZAPR16 211050ZAPR16	1C
2	18	1	851 851	564226N0320919E 563856N0322823E	211103ZAPR16 211106ZAPR16	1S
2	18	2	851 851	562732N0332813E 562359N0334613E	211115ZAPR16 211117ZAPR16	1O
2	18	3	851 851	561941N0340741E 561421N0343348E	211120ZAPR16 211124ZAPR16	1B
2	20	1	855 863	560231N0352651E 560038N0353502E	211132ZAPR16 211133ZAPR16	1C
2	21	1	851 851	555002N0361219E 553354N0364535E	211139ZAPR16 211145ZAPR16	1C

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: NO

(3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: **NO**

(4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

PREFLIGHT-INSPECTION: OK

FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **LCOL STEEVE VEILLETTE (CA),**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **220600ZAPR16**

6. REMARKS:
OBSERVING:

THE MP WAS SUBMITTED AT 190600ZAPR16 REQUESTING AT 0700Z DEPARTURE FROM UUMB, THE PLAN WAS REJECTED BY THE RF AT 190945ZAPR16 DUE TO AN AIRSPACE RESTRICTION FOR AN AIR DISPLAY PRACTICE. THE RF TEAM CHIEF PRODUCED NATIONAL DOCUMENTATION STATING THE PRECEDENCE TO BE AFFORDED TO THE DISPLAY PRACTICE; AN ALTERNATIVE TAKE OFF TIME TO DECONFLICT THE OBSERVATION FLIGHT WAS PROPOSED AND AGREED AT 191315ZAPR16.

DUE TO THE WEATHER CANCELLATION OF SEGMENT 1, A TRANSIT FROM UUMB TO ULLP WAS CONDUCTED PRIOR TO SEGMENT 2.

CA WOULD LIKE TO THANK THE RUSSIAN FEDERATION FOR THEIR FLEXIBILITY FOR THE CONDUCT OF THIS MISSION AND THEIR HOSPITALITY.

OBSERVED:

DUE TO PARA 14 SECTION 1 ARTICLE VI OF THE OPEN SKIES TREATY OBSERVATION FLIGHTS SHOULD BE CONDUCTED IN ACCORDANCE WITH ANNOUNCED STANDARDS AND RECOMMENDATIONS OF ICAO AS WELL AS WITH ANNOUNCED NATIONAL RULES OF AIR TRAFFIC CONTROL OF THE INSPECTED SIDE.

IN THE PERIOD FROM 16 TO 26 APRIL, 2016 AND FROM 5 TO 9 OF MAY, 2016, THE RUSSIAN FEDERATION HAS IMPOSED RESTRICTIONS ON AIRSPACE USAGE DUE TO PREPERATION AND CONDUCTING OF AIR PARADE, DEDICATED TO THE VICTORY DAY. ALL PARTICAPANT-STATES WERE INFORMED ABOUT THAT BEFOREHAND BY FORWARDING A NOTIFICATION OF THE FORMAT-35 THROUGH OSCE NETWORK.

BY ARRIVAL TO KUBINKA ENTRY POINT THE SIDES WERE AGAIN INFORMED ABOUT DESIGNATED RESTRICTIONS FOR AIRSPACE USAGE BY RECEIVING RESPECTIVE NOTAMS.

DESPITE THAT, THE OBSERVATION FLIGHT PLAN, INITIALLY SUBMITTED BY INSPECTING SIDES, PROPOSED TAKE-OFF TIME FOR FULFILLMENT OF THE FIRST SEGMENT WITHOUT REGARD TO RESTRICTIONS, STIPULATED IN NOTAM. DUE TO PARA 6, SECTION 2 OF ARTICLE VI OF THE TREATY, THE RUSSIAN SIDE PROPOSED TO AMEND THE PLAN DURING ITS CONSIDERATION-TO CORRECT THE TAKE-OFF TIME WITH REGARD TO NOTAMS, THAT WERE RECEIVED BY INSPECTING SIDES VIA FORMAT-15 WITHOUT ANY OBJECTIONS.

7. END OF OS MESSAGE NUMBER: **OS/CA/16/0035/F14/O**

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO:

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/15/0070/F14/O
2. OS MESSAGE DATE AND TIME: 202019ZNOV15
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/15/0050/F12/O
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
 - (b) OBSERVING PARTY:
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS-15-143(CA);
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 271207Z OCT15
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C-130-J

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: KUBINKA
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES:
553641N, 0363852E
 - (b) DATE AND TIME OF TAKEOFF: 290649Z OCT15
 - (c) LEGS OF THIS SEGMENT:
 - 1, 555925N0354438E
 - 2, 561025N0345139E
 - 3, 560228N0360944E
 - 4, 560645N0364025E
 - 5, 560812N0370623E

6, 562324N0364203E
7, 564432N0364847E
8, 563843N0361507E
9, 565543N0355415E
10, 564356N0353943E
11, 561339N0343131E
12, 562646N0333343E
13, 550532N0342630E
14, 551037N0331018E
15, 545839N0332144E
16, 541010N0342702E
17, 542337N0324419E
18, 541709N0321513E
19, 533747N0332931E
20, 533607N0335945E
21, 532748N0335034E
22, 532304N0340954E
23, 531147N0342638E
24, 525849N0360554E
25, 535629N0362827E
26, 540039N0361122E
27, 534342N0352225E
28, 535830N0350445E
29, 540642N0354819E
30, 541433N0353252E
31, 545545N0363609E
32, 553641N0363852E

(d) LANDING AIRFIELD: KUBINKA

(i) ICAO DESIGNATOR: UUMB

(ii) GEOGRAPHIC CO-ORDINATES:
553641N, 0363852E

(e) DATE AND TIME OF LANDING: 291147ZNOV15

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 1930KM

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__-L4F

MIN/MAX

HEIGHT ABOVE START/END START/END

SEG LEG OP GROUND LEVEL CO-ORDINATES DATE & TIME WEATHER

1 2 1 1021 560134N0353418E 290708ZOCT15 0C/
1026 560356N0352258E 290710ZOCT15

1 2 2 1018 560808N0350238E 290713ZOCT15 0C/
1041 560955N0345352E 290714ZOCT15

1 5 1 1014 560717N0365006E 290731ZOCT15 0C/
1041 560809N0370551E 290733ZOCT15

1 6 1 1017 562009N0364718E 290738ZOCT15 0C/
1039 562313N0364220E 290739ZOCT15

1 7 1 851 563942N0364712E 290743ZOCT15 0C/
852 564526N0364901E 290745ZOCT15

1 8 1 851 563952N0362156E 290750Z OCT15 0C/
851 563844N0361523E 290751Z OCT15

1 9 1 851 565229N0355815E 290755Z OCT15 0C/
851 565518N0355448E 290756Z OCT15

1 10 1 851 565311N0355113E 290800Z OCT15 0C/
851 564447N0354051E 290802Z OCT15

1 12 1 916 561441N0342655E 290818Z OCT15 0C/
939 561723N0341510E 290820Z OCT15

1 12 2 921 562513N0334038E 290825Z OCT15 1S/
938 562639N0333408E 290826Z OCT15

1 13 1 1024 551405N0342111E 290845Z OCT15 1C/
1027 550705N0342533E 290847Z OCT15

1 15 1 1061 550921N0331130E 290904Z OCT15 1C/
1070 550405N0331632E 290905Z OCT15

1 16 1 1048 541701N0341758E 290919Z OCT15 1C/
1053 541229N0342359E 290920Z OCT15

1 18 1 1100 542101N0323229E 290939Z OCT15 1C/
1118 541749N0321812E 290941Z OCT15

1 19 1 1023 540222N0324333E 290948Z OCT15 1C/
1043 535611N0325513E 290950Z OCT15

1 19 2 1030 534418N0331726E 290954Z OCT15 1C/
1033 534119N0332259E 290955Z OCT15

1 21 1 1077 533542N0335919E 291004Z OCT15 1C/
1093 532834N0335128E 291006Z OCT15

1 23 1 1155 531746N0341752E 291012Z OCT15 1C/
1138 531204N0342616E 291013Z OCT15

1 24 1 1112 530846N0345051E 291017Z OCT15 1C/
1075 530718N0350223E 291019Z OCT15

1 24 2 1060 525937N0360010E 291027Z OCT15 1C/
1110 525853N0360535E 291028Z OCT15

1 27 1 1024 535605N0355807E 291048Z OCT15 1C/
1046 534359N0352320E 291054Z OCT15

1 29 1 851 535902N0350728E 291104Z OCT15 1C/
851 540551N0354342E 291109Z OCT15

1 30 1 851 540921N0354312E 291115Z OCT15 1C/
851 541247N0353626E 291116Z OCT15

1 32 1 851 550255N0363639E 291132Z OCT15 1C/
851 551725N0363735E 291136Z OCT15

1 32 2 851 553123N0363830E 291139Z OCT15 1C/
851 553653N0363851E 291141Z OCT15

(2) SENSOR USED: PG-OF__-V4F

MIN/MAX
 HEIGHT ABOVE START/END START/END
SEG LEG OP GROUND LEVEL CO-ORDINATES DATE & TIME WEATHER

1 2 1 1021 560134N0353418E 290708ZOCT15 0C/
 1026 560356N0352258E 290710ZOCT15

1 2 2 1018 560808N0350238E 290713ZOCT15 0C/
 1041 560955N0345352E 290714ZOCT15

1 5 1 1014 560717N0365006E 290731ZOCT15 0C/
 1041 560809N0370551E 290733ZOCT15

1 6 1 1017 562009N0364718E 290738ZOCT15 0C/
 1039 562313N0364220E 290739ZOCT15

1 7 1 851 563942N0364712E 290743ZOCT15 0C/
 852 564526N0364901E 290745ZOCT15

1 8 1 851 563952N0362156E 290750ZOCT15 0C/
 851 563844N0361523E 290751ZOCT15

1 9 1 851 565229N0355815E 290755ZOCT15 0C/
 851 565518N0355448E 290756ZOCT15

1 10 1 851 565311N0355113E 290800ZOCT15 0C/
 851 564447N0354051E 290802ZOCT15

1 12 1 916 561441N0342655E 290818ZOCT15 0C/
 939 561723N0341510E 290820ZOCT15

1 12 2 921 562513N0334038E 290825ZOCT15 1S/
 938 562639N0333408E 290826ZOCT15

1 13 1 1024 551405N0342111E 290845ZOCT15 1C/
 1027 550705N0342533E 290847ZOCT15

1 15 1 1061 550921N0331130E 290904ZOCT15 1C/
 1070 550405N0331632E 290905ZOCT15

1 16 1 1048 541701N0341758E 290919ZOCT15 1C/
 1053 541229N0342359E 290920ZOCT15

1 18 1 1100 542101N0323229E 290939ZOCT15 1C/
 1118 541749N0321812E 290941ZOCT15

1 19 1 1023 540222N0324333E 290948ZOCT15 1C/
 1043 535611N0325513E 290950ZOCT15

1 19 2 1030 534418N0331726E 290954ZOCT15 1C/
 1033 534119N0332259E 290955ZOCT15

1 21 1 1077 533542N0335919E 291004ZOCT15 1C/
 1093 532834N0335128E 291006ZOCT15

1 23 1 1155 531746N0341752E 291012ZOCT15 1C/
 1138 531204N0342616E 291013ZOCT15

1 24 1 1112 530846N0345051E 291017ZOCT15 1C/
 1075 530718N0350223E 291019ZOCT15

1 24 2 1060 525937N0360010E 291027ZOCT15 1C/

1110 525853N0360535E 291028ZOCT15

1 27 1 1024 535605N0355807E 291048ZOCT15 1C/
1046 534359N0352320E 291054ZOCT15

1 29 1 851 535902N0350728E 291104ZOCT15 1C/
851 540551N0354342E 291109ZOCT15

1 30 1 851 540921N0354312E 291115ZOCT15 1C/
851 541247N0353626E 291116ZOCT15

1 32 1 851 550255N0363639E 291132ZOCT15 1C/
851 551725N0363735E 291136ZOCT15

1 32 2 851 553123N0363830E 291139ZOCT15 1C/
851 553653N0363851E 291141ZOCT15

(3) SENSOR USED: PG-OF__-R4F

MIN/MAX
HEIGHT ABOVE START/END START/END
SEG LEG OP GROUND LEVEL CO-ORDINATES DATE & TIME WEATHER

1 2 1 1021 560134N0353418E 290708ZOCT15 0C/
1026 560356N0352258E 290710ZOCT15

1 2 2 1018 560808N0350238E 290713ZOCT15 0C/
1041 560955N0345352E 290714ZOCT15

1 5 1 1014 560717N0365006E 290731ZOCT15 0C/
1041 560809N0370551E 290733ZOCT15

1 6 1 1017 562009N0364718E 290738ZOCT15 0C/
1039 562313N0364220E 290739ZOCT15

1 7 1 851 563942N0364712E 290743ZOCT15 0C/
852 564526N0364901E 290745ZOCT15

1 8 1 851 563952N0362156E 290750ZOCT15 0C/
851 563844N0361523E 290751ZOCT15

1 9 1 851 565229N0355815E 290755ZOCT15 0C/
851 565518N0355448E 290756ZOCT15

1 10 1 851 565311N0355113E 290800ZOCT15 0C/
851 564447N0354051E 290802ZOCT15

1 12 1 916 561441N0342655E 290818ZOCT15 0C/
939 561723N0341510E 290820ZOCT15

1 12 2 921 562513N0334038E 290825ZOCT15 1S/
938 562639N0333408E 290826ZOCT15

1 13 1 1024 551405N0342111E 290845ZOCT15 1C/
1027 550705N0342533E 290847ZOCT15

1 15 1 1061 550921N0331130E 290904ZOCT15 1C/
1070 550405N0331632E 290905ZOCT15

1 16 1 1048 541701N0341758E 290919ZOCT15 1C/
1053 541229N0342359E 290920ZOCT15

1 18 1 1100 542101N0323229E 290939Z OCT15 1C/
1118 541749N0321812E 290941Z OCT15

1 19 1 1023 540222N0324333E 290948Z OCT15 1C/
1043 535611N0325513E 290950Z OCT15

1 19 2 1030 534418N0331726E 290954Z OCT15 1C/
1033 534119N0332259E 290955Z OCT15

1 21 1 1077 533542N0335919E 291004Z OCT15 1C/
1093 532834N0335128E 291006Z OCT15

1 23 1 1155 531746N0341752E 291012Z OCT15 1C/
1138 531204N0342616E 291013Z OCT15

1 24 1 1112 530846N0345051E 291017Z OCT15 1C/
1075 530718N0350223E 291019Z OCT15

1 24 2 1060 525937N0360010E 291027Z OCT15 1C/
1110 525853N0360535E 291028Z OCT15

1 27 1 1024 535605N0355807E 291048Z OCT15 1C/
1046 534359N0352320E 291054Z OCT15

1 29 1 851 535902N0350728E 291104Z OCT15 1C/
851 540551N0354342E 291109Z OCT15

1 30 1 851 540921N0354312E 291115Z OCT15 1C/
851 541247N0353626E 291116Z OCT15

1 32 1 851 550255N0363639E 291132Z OCT15 1C/
851 551725N0363735E 291136Z OCT15

1 32 2 851 553123N0363830E 291139Z OCT15 1C/
851 553653N0363851E 291141Z OCT15

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE:
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

PREFLIGHT-INSPECTION: OK

FILM PROCESSED BY:

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **LCOL S. VEILLETTE,**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: 191630Z OCT 15

6. REMARKS:

THE RUSSIAN FEDERATION OBSERVED, DURING THE EXECUTION OF THE OBSERVATION FLIGHT, THE SENSOR CONTROL CONSOLE EXPERIENCED REPEATED FAILURES. DUE TO THIS THE OBSERVED PARTY DID NOT HAVE THE OPPORTUNITY TO EXERCISE CONTROL OVER THE NUMBER OF FRAMES TAKEN.

CANADA AND AGREE THAT AS IT IS UNFORTUNATE THAT THERE WERE NUMEROUS FAILURES WITH THE CONSOLE, CANADA HAS A BACK UP SYSTEM IN THE EVENT OF JUST SUCH FAILURES. ACCORDING TO CANADA, 646 FRAMES WERE TAKEN AND THIS CONCERN WILL BE RESOLVED DURING THE MEDIA PROCESSING.

CANADA AND WANT TO THANK THE RUSSIAN FEDERATION, OPEN SKIES TEAM, FOR THEIR PROFESSIONALISM AND HOSPITALITY.

7. END OF OS MESSAGE NUMBER: OS/CA/15/0070/F14/O

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO:

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/15/0071/F14/O**
2. OS MESSAGE DATE AND TIME: **202020ZNOV15**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: **OS/CA/15/0052/F12/O**
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
 - (b) OBSERVING PARTY:
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **OS-15-137(CA);**
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **021238ZNOV15**
- (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **C-130-J**

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: **NOVOSIBIRSK**
 - (i) ICAO DESIGNATOR: **UNNT**
 - (ii) GEOGRAPHIC CO-ORDINATES:
550042N, 0823900E
 - (b) DATE AND TIME OF TAKEOFF: **050250ZNOV15**
 - (c) LEGS OF THIS SEGMENT:
 - 1, **550029N0824823E**
 - 2, **552040N0830535E**
 - 3, **553536N0833703E**
 - 4, **551950N0834113E**
 - 5, **551021N0830435E**

6, 545308N0824731E
7, 544025N0831156E
8, 544644N0822534E
9, 545713N0823701E
10, 550321N0820356E
11, 550627N0812843E
12, 550530N0804247E
13, 551349N0801226E
14, 552819N0781351E
15, 552352N0774511E
16, 552113N0765229E
17, 551035N0755310E
18, 550351N0730321E
19, 555602N0692709E
20, 561727N0693011E
21, 565642N0662540E
22, 571357N0650302E
23, 572137N0614749E
24, 572136N0602554E
25, 571534N0600105E
26, 572040N0591029E
27, 571725N0583136E
28, 571811N0570954E
29, 573350N0563855E
30, 574513N0560546E
31, 575449N0560124E

(d) LANDING AIRFIELD: **PERM**

(i) ICAO DESIGNATOR: **USPP**

(ii) GEOGRAPHIC CO-ORDINATES:
575449N, 0560124E

(e) DATE AND TIME OF LANDING:

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **PERM**

(i) ICAO DESIGNATOR: **USPP**

(ii) GEOGRAPHIC CO-ORDINATES:
575449N, 0560124E

(b) DATE AND TIME OF TAKEOFF:

(c) LEGS OF THIS SEGMENT:

1, 581414N0555243E
2, 560718N0363941E
3, 553641N0363852E

(d) LANDING AIRFIELD: **KUBINKA**

(i) ICAO DESIGNATOR: **UUMB**

(ii) GEOGRAPHIC CO-ORDINATES:
553641N, 0363851E

(e) DATE AND TIME OF LANDING: **051023ZNOV15**

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: **468KM**

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__-L4F

MIN/MAX
 HEIGHT ABOVE START/END START/END
SEG LEG OP GROUND LEVEL CO-ORDINATES DATE & TIME WEATHER

1 2 1 1062 550459N0825209E 050300ZNOV15 1C/
 1102 551821N0830334E 050304ZNOV15

1 3 1 1034 552519N0831521E 050306ZNOV15 1C/
 1128 552930N0832400E 050308ZNOV15

1 5 1 996 551812N0833445E 050316ZNOV15 1C/
 1042 551406N0831854E 050318ZNOV15

1 6 1 1014 550729N0830146E 050322ZNOV15 1C/
 1132 545747N0825208E 050325ZNOV15

1 7 1 1038 544606N0830109E 050329ZNOV15 1C/
 1099 544231N0830759E 050331ZNOV15

1 8 1 1080 544507N0823736E 050337ZNOV15 1C/
 1078 544620N0822825E 050338ZNOV15

1 10 1 1092 545809N0823155E 050346ZNOV15 1C/
 1096 550133N0821336E 050349ZNOV15

1 11 1 1032 550419N0815244E 050352ZNOV15 1C/
 1046 550507N0814349E 050353ZNOV15

1 12 1 1034 550616N0811940E 050356ZNOV15 1C/
 1072 550533N0804626E 050401ZNOV15

1 13 1 851 551046N0802330E 050404ZNOV15 1C/
 851 551320N0801405E 050405ZNOV15

(2) SENSOR USED: PG-OF__-V4F

MIN/MAX
 HEIGHT ABOVE START/END START/END
SEG LEG OP GROUND LEVEL CO-ORDINATES DATE & TIME WEATHER

1 2 1 1062 550459N0825209E 050300ZNOV15 1C/
 1102 551821N0830334E 050304ZNOV15

1 3 1 1034 552519N0831521E 050306ZNOV15 1C/
 1128 552930N0832400E 050308ZNOV15

1 5 1 996 551812N0833445E 050316ZNOV15 1C/
 1042 551406N0831854E 050318ZNOV15

1 6 1 1014 550729N0830146E 050322ZNOV15 1C/
 1132 545747N0825208E 050325ZNOV15

1 7 1 1038 544606N0830109E 050329ZNOV15 1C/
 1099 544231N0830759E 050331ZNOV15

1 8 1 1080 544507N0823736E 050337ZNOV15 1C/
 1078 544620N0822825E 050338ZNOV15

1 10 1 1092 545809N0823155E 050346ZNOV15 1C/
 1096 550133N0821336E 050349ZNOV15

1 11 1 1032 550419N0815244E 050352ZNOV15 1C/
 1046 550507N0814349E 050353ZNOV15

1 12 1 1034 550616N0811940E 050356ZNOV15 1C/
 1072 550533N0804626E 050401ZNOV15

1 13 1 851 551046N0802330E 050404ZNOV15 1C/
 851 551320N0801405E 050405ZNOV15

(3) SENSOR USED: PG-OF__-R4F

MIN/MAX
 HEIGHT ABOVE START/END START/END
SEG LEG OP GROUND LEVEL CO-ORDINATES DATE & TIME WEATHER

1 2 1 1062 550459N0825209E 050300ZNOV15 1C/
 1102 551821N0830334E 050304ZNOV15

1 3 1 1034 552519N0831521E 050306ZNOV15 1C/
 1128 552930N0832400E 050308ZNOV15

1 5 1 996 551812N0833445E 050316ZNOV15 1C/
 1042 551406N0831854E 050318ZNOV15

1 6 1 1014 550729N0830146E 050322ZNOV15 1C/
 1132 545747N0825208E 050325ZNOV15

1 7 1 1038 544606N0830109E 050329ZNOV15 1C/
 1099 544231N0830759E 050331ZNOV15

1 8 1 1080 544507N0823736E 050337ZNOV15 1C/
 1078 544620N0822825E 050338ZNOV15

1 10 1 1092 545809N0823155E 050346ZNOV15 1C/
 1096 550133N0821336E 050349ZNOV15

1 11 1 1032 550419N0815244E 050352ZNOV15 1C/
 1046 550507N0814349E 050353ZNOV15

1 12 1 1034 550616N0811940E 050356ZNOV15 1C/
 1072 550533N0804626E 050401ZNOV15

1 13 1 851 551046N0802330E 050404ZNOV15 1C/
 851 551320N0801405E 050405ZNOV15

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS
 WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF
 APPLICABLE: YES
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF
 APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: YES

s.15(1)

s.19(1)

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:
PREFLIGHT-INSPECTION: OK
FILM PROCESSED BY:

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJ WEBER M. CANADA;**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **051530ZNOV15**

6. REMARKS:

A. DUE TO POOR WEATHER, SEGMENT ONE WAS STOPPED AT WAYPOINT 13 AT 050406ZNOV15 AND AIRCRAFT PROCEEDED DIRECT TO PERM (USPP) TO REFUEL AS PLANNED. DUE TO SUBSEQUENT SIGNIFICANT ICING CONDITIONS AT PERM, OBSERVING PARTIES DECIDED TO NOT LAND AND TO CANCEL THE SECOND SEGMENT THAT WAS TO BEGIN LOW-LEVEL OVER PERM. AS SUCH, THE OBSERVATION FLIGHT WAS TERMINATED AT 050530ZNOV15 AND AIRCRAFT PROCEEDED DIRECT TO DESTINATION KUBINKA (UUMB).

B.(1) CA- COMMENTS: THE OBSERVING PARTIES SUBMITTED A TREATY COMPLIANT MISSION PLAN WHICH INCLUDED A FLIGHT LEG THROUGH THE MOSCOW RING HAZARDOUS AIRSPACE AREA (UUP-53) AT AN ALTITUDE OF 4000 FEET. THIS ALTITUDE WAS IN ACCORDANCE WITH THE CERTIFIED HMIN OF 2792 FEET OF THE DESIGNATED SENSOR CONFIGURATION. THE OBSERVED PARTY REFUSED TO APPROVE THE MISSION PLAN AS SUBMITTED, REFERRING TO ITS POSITION THAT OPEN SKIES FLIGHTS MUST REMAIN AT OR ABOVE 12000 FEET (3600 METERS) IN THE UUP-53 AREA (AS DESCRIBED BY RU AT THE OSCC IN JULY 2006). THIS REFUSAL RAISES SERIOUS CONCERNS REGARDING THE OBSERVED PARTY'S ADHERENCE TO ARTICLE VI, SECTION II, PARAGRAPH 2 OF THE TREATY. WITHOUT PREJUDICE TO THEIR RIGHTS UNDER THE TREATY, THE OBSERVING PARTIES RELUCTANTLY MOVED THE ROUTE OUTSIDE UUP-53 TO FACILITATE THE MISSION. THE OBSERVING PARTIES CONTINUE TO OBJECT TO THE IMPOSITION OF THIS ALTITUDE RESTRICTION IN THE UUP-53 AREA.

B.(2) RU COMMENTS: REPRESENTATIVES OF CANADA AND JOINT MISSION RECEIVED THE DETAILED ATC BRIEFING UPON ARRIVAL TO THE POE KUBINKA ON NOVEMBER 2, 2015 ACCORDING TO THE PROVISIONS OF THE OPEN SKIES TREATY. THE BRIEFING PROVIDED THE INFORMATION ON THE USAGE OF RUSSIAN AIRSPACE, AS WELL AS RULES AND RESTRICTIONS FOR MOSCOW NON-FLYING ZONE UUP53. THE OBSERVING PARTIES DID NOT REQUIRE ANY CLARIFICATION ON THE INFORMATION PROVIDED IN THE BRIEFING.

ON THE NEXT DAY, NOVEMBER 3, 2015, DESPITE THE RESTRICTIONS FOR UUP53 SPECIFIED IN THE ATC BRIEFING, THE OBSERVING PARTIES PROVIDED THEIR MISSION PLAN WHICH MEANT THE OVERFLY OVER THE MOSCOW ZONE ON THE FL040 INSTEAD OF FL120 ALLOWED BY NATIONAL FLIGHT RULES. THE RUSSIAN SIDE COULD NOT IN ANY CASE ACCEPT SUCH A PLAN.

THE OBSERVING PARTY WOULD LIKE TO REMIND THAT ACCORDING TO THE OPEN SKIES TREATY THE ROUTE AND THE PROFILE OF THE OBSERVATION FLIGHT MUST BE PLANNED TAKING INTO ACCOUNT SAFETY CONSIDERATIONS AND THE EXISTING DIFFERENCES IN NATIONAL FLIGHT RULES. MOREOVER, ALL RULES AND REGULATIONS FOR FLYING OVER THE MOSCOW NON-FLYING ZONE UUP53 WERE CLARIFIED IN DETAIL BY THE RUSSIAN FEDERATION IN OSCC49.JOUR/156, ANNEX III.

C. CANADA AND WOULD LIKE TO THANK THE RUSSIAN FEDERATION OPEN SKIES TEAM FOR THEIR PROFESSIONALISM AND HOSPITALITY DURING THIS SUCCESSFUL OBSERVATION FLIGHT MISSION.

7. END OF OS MESSAGE NUMBER: **OS/CA/15/0071/F14/O**

OS FORMAT 14

PRECEDENCE: **ROUTINE**

FROM: **CANADA**

TO: **ALL STATES PARTIES**

INFO:

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/15/0059/F14/C**
2. OS MESSAGE DATE AND TIME: **121832ZNOV15**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: **OS/CA/15/0041/F12/O**
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
 - (b) OBSERVING PARTY:
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **CA OS-15-142;**
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **291245ZSEP15**
- (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **C-130J**

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: **KUBINKA-MOSCOW**
 - (i) ICAO DESIGNATOR: **UMBB**
 - (ii) GEOGRAPHIC CO-ORDINATES:
553641N, 0363852E
 - (b) DATE AND TIME OF TAKEOFF: **010652ZOCT15**
 - (c) LEGS OF THIS SEGMENT:
 - 1, **552151N0380854E**
 - 2, **551537N0370652E**
 - 3, **544750N0372627E**
 - 4, **542315N0354342E**
 - 5, **534050N0355059E**

6, 524301N0360425E
7, 515418N0355731E
8, 512547N0364803E
9, 511736N0381132E
10, 514247N0392508E
11, 505310N0401454E
12, 504110N0410125E
13, 511342N0423443E
14, 510150N0463338E
15, 511105N0464839E
16, 514850N0453702E
17, 514817N0444744E
18, 521735N0441651E
19, 521655N0432417E
20, 524103N0420011E
21, 524202N0410550E
22, 525825N0404219E
23, 525256N0400920E
24, 535206N0395730E
25, 542329N0400502E
26, 550249N0384556E
27, 552059N0384909E
28, 552752N0382141E
29, 562732N0381608E
30, 563056N0370644E
31, 561900N0365701E
32, 555442N0370100E
33, 553641N0363852E

(d) LANDING AIRFIELD: KUBINKA-MOSCOW

(i) ICAO DESIGNATOR: UMBB

(ii) GEOGRAPHIC CO-ORDINATES:
553641N, 0363852E

(e) DATE AND TIME OF LANDING: 011307ZOCT15

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 2658KM

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__-L4F

MIN/MAX

HEIGHT ABOVE START/END START/END

SEG LEG OP GROUND LEVEL CO-ORDINATES DATE & TIME WEATHER

1 1 1 1269 553638N0363848E 010700ZOCT15 1C/
1293 552243N0380351E 010712ZOCT15

1 2 1 1267 552105N0380109E 010719ZOCT15 0C/
1376 551732N0372534E 010724ZOCT15

1 3 1 851 551245N0370901E 010728ZOCT15 0C/
862 545115N0372404E 010734ZOCT15

1 4 1 853 543413N0362837E 010743ZOCT15 0C/
864 542714N0355951E 010747ZOCT15

1 5 1 858 540754N0354623E 010753ZOCT15 0C/
865 535049N0354918E 010757ZOCT15

1 6 1 852 530312N0355948E 010809Z OCT15 1C/
866 525316N0360205E 010811Z OCT15

1 8 1 1353 514853N0360718E 010828Z OCT15 1C/
1364 514058N0362123E 010831Z OCT15

1 9 1 1363 512106N0373717E 010843Z OCT15 0C/
1378 511904N0375733E 010847Z OCT15

1 10 1 1352 513412N0385936E 010857Z OCT15 0C/
1359 514028N0391812E 010901Z OCT15

1 11 1 1454 511221N0395554E 010911Z OCT15 0C/
1464 510307N0400504E 010914Z OCT15

1 12 1 1090 505030N0402522E 010919Z OCT15 0C/
1093 504536N0404424E 010922Z OCT15

1 13 1 1066 510450N0420845E 010936Z OCT15 0C/
1071 510819N0421855E 010938Z OCT15

1 14 1 1023 511122N0433733E 010951Z OCT15 0C/
1027 511052N0434916E 010952Z OCT15

1 16 1 946 511930N0463257E 011025Z OCT15 0C/
967 514554N0454242E 011035Z OCT15

1 17 1 964 514837N0451527E 011039Z OCT15 0C/
968 514825N0445723E 011042Z OCT15

1 19 1 1033 521717N0435149E 011056Z OCT15 0C/
1042 521706N0433748E 011058Z OCT15

1 20 1 1376 523633N0421604E 011111Z OCT15 0C/
1385 523926N0420550E 011113Z OCT15

1 21 1 1394 524118N0414550E 011116Z OCT15 0C/
1403 524151N0411435E 011121Z OCT15

1 22 1 1091 525302N0405001E 011126Z OCT15 0C/
1098 525713N0404400E 011127Z OCT15

1 23 1 1125 525705N0403401E 011129Z OCT15 0C/
1136 525419N0401743E 011132Z OCT15

1 24 1 1088 533849N0400009E 011144Z OCT15 0C/
1107 534532N0395848E 011145Z OCT15

1 25 1 1111 540732N0400110E 011151Z OCT15 0C/
1125 541503N0400258E 011153Z OCT15

1 26 1 1395 542745N0395640E 011157Z OCT15 0C/
1406 544139N0392902E 011202Z OCT15

1 26 2 1394 545205N0390754E 011206Z OCT15 1O/
1400 545800N0385551E 011208Z OCT15

1 27 1 1412 551058N0384723E 011212Z OCT15 1C/
1418 551627N0384821E 011214Z OCT15

1 29 1 1728 553123N0382123E 011221Z OCT15 1O/

1612 560854N0381753E 011232ZOCT15

1 30 1 1354 562851N0374621E 011237ZOCT15 1S/
 1389 563030N0371618E 011242ZOCT15

1 31 1 1387 562740N0370404E 011244ZOCT15 1B/
 1335 562330N0370040E 011245ZOCT15

1 32 1 1343 511525N0365733E 011247ZOCT15 1B/
 1371 561019N0365954E 011250ZOCT15

1 33 1 1066 555211N0365748E 011253ZOCT15 1B/
 1086 553708N0363426E 011258ZOCT15

(2) SENSOR USED: PG-OF__-V4F

MIN/MAX
 HEIGHT ABOVE START/END START/END
SEG LEG OP GROUND LEVEL CO-ORDINATES DATE & TIME WEATHER

1 1 1 1269 553638N0363848E 010700ZOCT15 1C/
 1293 552243N0380351E 010712ZOCT15

1 2 1 1267 552105N0380109E 010719ZOCT15 0C/
 1376 551732N0372534E 010724ZOCT15

1 3 1 851 551245N0370901E 010728ZOCT15 0C/
 862 545115N0372404E 010734ZOCT15

1 4 1 853 543413N0362837E 010743ZOCT15 0C/
 864 542714N0355951E 010747ZOCT15

1 5 1 858 540754N0354623E 010753ZOCT15 0C/
 865 535049N0354918E 010757ZOCT15

1 6 1 852 530312N0355948E 010809ZOCT15 1C/
 866 525316N0360205E 010811ZOCT15

1 8 1 1353 514853N0360718E 010828ZOCT15 1C/
 1364 514058N0362123E 010831ZOCT15

1 9 1 1363 512106N0373717E 010843ZOCT15 0C/
 1378 511904N0375733E 010847ZOCT15

1 10 1 1352 513412N0385936E 010857ZOCT15 0C/
 1359 514028N0391812E 010901ZOCT15

1 11 1 1454 511221N0395554E 010911ZOCT15 0C/
 1464 510307N0400504E 010914ZOCT15

1 12 1 1090 505030N0402522E 010919ZOCT15 0C/
 1093 504536N0404424E 010922ZOCT15

1 13 1 1066 510450N0420845E 010936ZOCT15 0C/
 1071 510819N0421855E 010938ZOCT15

1 14 1 1023 511122N0433733E 010951ZOCT15 0C/
 1027 511052N0434916E 010952ZOCT15

1 16 1 946 511930N0463257E 011025ZOCT15 0C/
 967 514554N0454242E 011035ZOCT15

1 17 1 964 514837N0451527E 011039ZOCT15 0C/
 968 514825N0445723E 011042ZOCT15

1 19 1 1033 521717N0435149E 011056ZOCT15 0C/
 1042 521706N0433748E 011058ZOCT15

1 20 1 1376 523633N0421604E 011111ZOCT15 0C/
 1385 523926N0420550E 011113ZOCT15

1 21 1 1394 524118N0414550E 011116ZOCT15 0C/
 1403 524151N0411435E 011121ZOCT15

1 22 1 1091 525302N0405001E 011126ZOCT15 0C/
 1098 525713N0404400E 011127ZOCT15

1 23 1 1125 525705N0403401E 011129ZOCT15 0C/
 1136 525419N0401743E 011132ZOCT15

1 24 1 1088 533849N0400009E 011144ZOCT15 0C/
 1107 534532N0395848E 011145ZOCT15

1 25 1 1111 540732N0400110E 011151ZOCT15 0C/
 1125 541503N0400258E 011153ZOCT15

1 26 1 1395 542745N0395640E 011157ZOCT15 0C/
 1406 544139N0392902E 011202ZOCT15

1 26 2 1394 545205N0390754E 011206ZOCT15 1O/
 1400 545800N0385551E 011208ZOCT15

1 27 1 1412 551058N0384723E 011212ZOCT15 1C/
 1418 551627N0384821E 011214ZOCT15

1 29 1 1728 553123N0382123E 011221ZOCT15 1O/
 1612 560854N0381753E 011232ZOCT15

1 30 1 1354 562851N0374621E 011237ZOCT15 1S/
 1389 563030N0371618E 011242ZOCT15

1 31 1 1387 562740N0370404E 011244ZOCT15 1B/
 1335 562330N0370040E 011245ZOCT15

1 32 1 1343 511525N0365733E 011247ZOCT15 1B/
 1371 561019N0365954E 011250ZOCT15

1 33 1 1066 555211N0365748E 011253ZOCT15 1B/
 1086 553708N0363426E 011258ZOCT15

(3) SENSOR USED: PG-OF__-R4F

MIN/MAX
 HEIGHT ABOVE START/END START/END
SEG LEG OP GROUND LEVEL CO-ORDINATES DATE & TIME WEATHER

1 1 1 1269 553638N0363848E 010700ZOCT15 1C/
 1293 552243N0380351E 010712ZOCT15

1 2 1 1267 552105N0380109E 010719ZOCT15 0C/
 1376 551732N0372534E 010724ZOCT15

1 3 1 851 551245N0370901E 010728ZOCT15 0C/
 862 545115N0372404E 010734ZOCT15

1 4 1 853 543413N0362837E 010743ZOCT15 0C/
864 542714N0355951E 010747ZOCT15

1 5 1 858 540754N0354623E 010753ZOCT15 0C/
865 535049N0354918E 010757ZOCT15

1 6 1 852 530312N0355948E 010809ZOCT15 1C/
866 525316N0360205E 010811ZOCT15

1 8 1 1353 514853N0360718E 010828ZOCT15 1C/
1364 514058N0362123E 010831ZOCT15

1 9 1 1363 512106N0373717E 010843ZOCT15 0C/
1378 511904N0375733E 010847ZOCT15

1 10 1 1352 513412N0385936E 010857ZOCT15 0C/
1359 514028N0391812E 010901ZOCT15

1 11 1 1454 511221N0395554E 010911ZOCT15 0C/
1464 510307N0400504E 010914ZOCT15

1 12 1 1090 505030N0402522E 010919ZOCT15 0C/
1093 504536N0404424E 010922ZOCT15

1 13 1 1066 510450N0420845E 010936ZOCT15 0C/
1071 510819N0421855E 010938ZOCT15

1 14 1 1023 511122N0433733E 010951ZOCT15 0C/
1027 511052N0434916E 010952ZOCT15

1 16 1 946 511930N0463257E 011025ZOCT15 0C/
967 514554N0454242E 011035ZOCT15

1 17 1 964 514837N0451527E 011039ZOCT15 0C/
968 514825N0445723E 011042ZOCT15

1 19 1 1033 521717N0435149E 011056ZOCT15 0C/
1042 521706N0433748E 011058ZOCT15

1 20 1 1376 523633N0421604E 011111ZOCT15 0C/
1385 523926N0420550E 011113ZOCT15

1 21 1 1394 524118N0414550E 011116ZOCT15 0C/
1403 524151N0411435E 011121ZOCT15

1 22 1 1091 525302N0405001E 011126ZOCT15 0C/
1098 525713N0404400E 011127ZOCT15

1 23 1 1125 525705N0403401E 011129ZOCT15 0C/
1136 525419N0401743E 011132ZOCT15

1 24 1 1088 533849N0400009E 011144ZOCT15 0C/
1107 534532N0395848E 011145ZOCT15

1 25 1 1111 540732N0400110E 011151ZOCT15 0C/
1125 541503N0400258E 011153ZOCT15

1 26 1 1395 542745N0395640E 011157ZOCT15 0C/
1406 544139N0392902E 011202ZOCT15

1 26 2 1394 545205N0390754E 011206ZOCT15 1O/

s.15(1)

s.19(1)

1400 545800N0385551E 011208ZOCT15

1 27 1 1412 551058N0384723E 011212ZOCT15 1C/
1418 551627N0384821E 011214ZOCT15

1 29 1 1728 553123N0382123E 011221ZOCT15 1O/
1612 560854N0381753E 011232ZOCT15

1 30 1 1354 562851N0374621E 011237ZOCT15 1S/
1389 563030N0371618E 011242ZOCT15

1 31 1 1387 562740N0370404E 011244ZOCT15 1B/
1335 562330N0370040E 011245ZOCT15

1 32 1 1343 511525N0365733E 011247ZOCT15 1B/
1371 561019N0365954E 011250ZOCT15

1 33 1 1066 555211N0365748E 011253ZOCT15 1B/
1086 553708N0363426E 011258ZOCT15

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE:
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

PRE-FLIGHT INSPECTION: OK
FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJ COLLARD (CA)** ,

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **011700ZOCT15**

6. REMARKS:

CANADA AND WISH TO THANK THE RUSSIAN FEDERATION ESCORT TEAM FOR THEIR PROFESSIONALISM AND COOPERATION DURING A VERY SUCCESSFUL OBSERVATION FLIGHT.

7. END OF OS MESSAGE NUMBER: **OS/CA/15/0059/F14/C**

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO: ALL STATES PARTIES

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/15/0066/F14/O**
2. OS MESSAGE DATE AND TIME: **121833ZNOV15**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: **OS/CA/15/0040/F12/C2**
5. CONTENT
 - A. OBSERVATION FLIGHT
 - (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
 - (b) OBSERVING PARTY:
 - (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **BELARUS/RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **CA OS-15-141;**
 - (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **211221ZSEP15**
 - (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
 - (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **C130-J**
 - B. ITINERARY
 - (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: **KUBINKA-MOSCOW**
 - (i) ICAO DESIGNATOR: **UUMB**
 - (ii) GEOGRAPHIC CO-ORDINATES:
553641N, 0363852E
 - (b) DATE AND TIME OF TAKEOFF: **230650ZSEP15**
 - (c) LEGS OF THIS SEGMENT:
 - 1, **564155N0352616E**
 - 2, **570242N0361817E**
 - 3, **574649N0345820E**
 - 4, **575324N0324705E**
 - 5, **573414N0312449E**

6, 593846N0311600E
7, 573455N0280143E
8, 564640N0290545E
9, 560625N0313605E
10, 550011N0323641E
11, 535019N0285341E
12, 534803N0264413E
13, 540229N0261252E
14, 534651N0244838E
15, 534948N0233311E
16, 541959N0221030E
17, 545413N0222820E
18, 550153N0210536E
19, 545324N0203542E

(d) LANDING AIRFIELD: **KHRABROVO-KALININGRAD**

(i) ICAO DESIGNATOR: **UMKK**

(ii) GEOGRAPHIC CO-ORDINATES:
545324N, 0203542E

(e) DATE AND TIME OF LANDING: **231234ZSEP15**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **KHRABROVO-KALININGRAD**

(i) ICAO DESIGNATOR: **UMKK**

(ii) GEOGRAPHIC CO-ORDINATES:
545324N, 0203542E

(b) DATE AND TIME OF TAKEOFF: **240657ZSEP15**

(c) LEGS OF THIS SEGMENT:

1, 544633N0201317E
2, 544300N0195243E
3, 543345N0194551E
4, 544314N0200421E
5, 543915N0205615E
6, 544915N0211859E
7, 542941N0220224E
8, 541959N0221030E
9, 534948N0233311E
10, 531816N0254329E
11, 523357N0265200E
12, 531816N0300036E
13, 543340N0330306E
14, 524627N0333915E
15, 544659N0364931E
16, 532708N0352711E
17, 542208N0401035E
18, 550829N0383357E
19, 560104N0382502E
20, 561621N0372417E
21, 555615N0364813E
22, 553641N0363852E

(d) LANDING AIRFIELD: **KUBINKA-MOSCOW**

(i) ICAO DESIGNATOR: **UUMB**

(ii) GEOGRAPHIC CO-ORDINATES:
553641N, 0363852E

(e) DATE AND TIME OF LANDING: 241248ZSEP15

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 4923KM

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__-L4F

MIN/MAX
HEIGHT ABOVE START/END START/END
SEG LEG OP GROUND LEVEL CO-ORDINATES DATE & TIME WEATHER

1 1 1 1046 554045N0363434E 230700ZSEP15 0C/0C
1047 554321N0363145E 230701ZSEP15

1 2 1 1146 564725N0353953E 230720ZSEP15 0C/0C
1149 565541N0360031E 230724ZSEP15

1 4 1 1051 574853N0342120E 230747ZSEP15 0C/0C
1060 575129N0333015E 230754ZSEP15

2 1 1 949 545334N0203611E 240700ZSEP15 1C/1C
951 545322N0203535E 240700ZSEP15

2 1 2 854 544847N0202035E 240703ZSEP15 1C/1C
866 544723N0201603E 240703ZSEP15

2 2 1 893 544601N0201024E 240704ZSEP15 1C/1O
900 544341N0195640E 240706ZSEP15

2 4 1 911 543556N0195006E 240714ZSEP15 1O/1O
921 543846N0195535E 240715ZSEP15

2 5 1 904 544295N0200903E 240715ZSEP15 1C/1C
909 543934N0203927E 240719ZSEP15

2 6 1 917 544100N0210017E 240722ZSEP15 1C/1C
910 544531N0211628E 240724ZSEP15

2 7 1 885 543800N0214404E 240731ZSEP15 1C/1C
864 543358N0215047E 240732ZSEP15

(2) SENSOR USED: PG-OF__-V4F

MIN/MAX
HEIGHT ABOVE START/END START/END
SEG LEG OP GROUND LEVEL CO-ORDINATES DATE & TIME WEATHER

1 1 1 1046 554045N0363434E 230700ZSEP15 0C/0C
1047 554321N0363145E 230701ZSEP15

1 2 1 1146 564725N0353953E 230720ZSEP15 0C/0C
1149 565541N0360031E 230724ZSEP15

1 4 1 1051 574853N0342120E 230747ZSEP15 0C/0C
1060 575129N0333015E 230754ZSEP15

1 6 1 1219 575216N0312336E 230817ZSEP15 0C/0C

1231 580406N0312247E 230820ZSEP15

1 6 2 1214 582720N0312110E 230825ZSEP15 1C/1C
1230 584318N0312002E 230829ZSEP15

1 6 3 1212 591229N0311756E 230836ZSEP15 1C/1O
1224 592422N0311704E 230839ZSEP15

1 7 1 1093 585211N0295918E 230857ZSEP15 1B/1B
1105 584239N0294409E 230900ZSEP15

1 7 2 1093 583019N0292452E 230904ZSEP15 1C/1C
1099 581237N0285741E 230910ZSEP15

1 7 3 1091 575154N0282637E 230916ZSEP15 1C/1C
1096 574536N0281720E 230918ZSEP15

1 8 1 1073 572405N0281622E 230925ZSEP15 1C/1C
1085 571604N0282706E 230928ZSEP15

1 9 1 1018 562534N0302630E 230949ZSEP15 0C/0C
1047 562102N0304319E 230951ZSEP15

1 9 2 1025 561813N0305337E 230952ZSEP15 0C/0C
1040 561735N0305556E 230953ZSEP15

1 11 1 999 545505N0321915E 231023ZSEP15 0C/0C
1057 545505N0321915E 231026ZSEP15

1 12 1 948 534948N0281002E 231100ZSEP15 1C/1C
961 534858N0272317E 231107ZSEP15

1 14 1 1042 535400N0252618E 231126ZSEP15 1C/1C
1095 535113N0251139E 231128ZSEP15

1 15 1 1064 534658N0244546E 231132ZSEP15 1C/1C
1081 534712N0244038E 231133ZSEP15

1 18 1 1171 545533N0221411E 231207ZSEP15 1C/1C
1186 545640N0220304E 231209ZSEP15

1 18 2 1176 545851N0213931E 231213ZSEP15 1C/1C
1183 550014N0212411E 231215ZSEP15

1 19 1 1211 545716N0204921E 231221ZSEP15 1C/1C
1214 545336N0203632E 231223ZSEP15

2 1 1 949 545334N0203611E 240700ZSEP15 1C/1C
951 545322N0203535E 240700ZSEP15

2 1 2 854 544847N0202035E 240703ZSEP15 1C/1C
866 544723N0201603E 240703ZSEP15

2 2 1 893 544601N0201024E 240704ZSEP15 1C/1O
900 544341N0195640E 240706ZSEP15

2 4 1 911 543556N0195006E 240714ZSEP15 1O/1O
921 543846N0195535E 240715ZSEP15

2 5 1 904 544295N0200903E 240715ZSEP15 1C/1C
909 543934N0203927E 240719ZSEP15

2 6 1 917 544100N0210017E 240722ZSEP15 1C/1C
910 544531N0211628E 240724ZSEP15

2 7 1 885 543800N0214404E 240731ZSEP15 1C/1C
864 543358N0215047E 240732ZSEP15

2 10 1 1082 533537N0243328E 240802ZSEP15 1C/1C
1090 533214N0244719E 240804ZSEP15

2 11 1 1098 531109N0255441E 240815ZSEP15 1C/1C
1104 530438N0260452E 240817ZSEP15

2 11 2 1097 525345N0262147E 240821ZSEP15 1C/1C
1110 524534N0263422E 240824ZSEP15

2 12 1 1140 524517N0273741E 240835ZSEP15 1C/1C
1146 524752N0274819E 240837ZSEP15

2 12 2 1147 530627N0290734E 240850ZSEP15 1C/1C
1152 530913N0291943E 240852ZSEP15

2 13 1 1094 541645N0322012E 240924ZSEP15 0C/0C
1096 542047N0323019E 240925ZSEP15

2 14 1 1054 534705N0331912E 240943ZSEP15 1C/1C
1060 534115N0332110E 240944ZSEP15

2 15 1 1090 531102N0341600E 241006ZSEP15 1C/1C
1099 531800N0342635E 241008ZSEP15

2 15 2 1103 535351N0352226E 241020ZSEP15 1C/1C
1113 541026N0354901E 241025ZSEP15

2 15 3 1102 542417N0361139E 241030ZSEP15 1C/1C
1114 543452N0362912E 241033ZSEP15

2 16 1 1081 540138N0360159E 241055ZSEP15 1C/1C
1095 534002N0354005E 241102ZSEP15

2 17 1 1075 535905N0380305E 241129ZSEP15 1C/1C
1109 540256N0382315E 241132ZSEP15

2 18 1 1175 542824N0395751E 241151ZSEP15 1C/1C
1186 544355N0392555E 241157ZSEP15

2 18 2 1176 545321N0390612E 241201ZSEP15 1C/1C
1182 545758N0385624E 241203ZSEP15

2 19 1 1186 552357N0383121E 241211ZSEP15 1C/1C
1196 555533N0382558E 241219ZSEP15

2 20 1 1098 560404N0381317E 241222ZSEP15 1C/1C
1106 561345N0373445E 241227ZSEP15

2 21 1 1084 561237N0371732E 241230ZSEP15 1C/1C
1100 555955N0365444E 241235ZSEP15

2 22 1 1122 555113N0364551E 241237ZSEP15 1C/1C
1129 553715N0363913E 241240ZSEP15

(3) SENSOR USED: PG-OF__-R4F

MIN/MAX
 HEIGHT ABOVE START/END START/END
SEG LEG OP GROUND LEVEL CO-ORDINATES DATE & TIME WEATHER

1 1 1 1046 554045N0363434E 230700ZSEP15 0C/0C
 1047 554321N0363145E 230701ZSEP15

1 2 1 1146 564725N0353953E 230720ZSEP15 0C/0C
 1149 565541N0360031E 230724ZSEP15

1 4 1 1051 574853N0342120E 230747ZSEP15 0C/0C
 1060 575129N0333015E 230754ZSEP15

1 6 1 1219 575216N0312336E 230817ZSEP15 0C/0C
 1231 580406N0312247E 230820ZSEP15

1 6 2 1214 582720N0312110E 230825ZSEP15 1C/1C
 1230 584318N0312002E 230829ZSEP15

1 6 3 1212 591229N0311756E 230836ZSEP15 1C/1O
 1224 592422N0311704E 230839ZSEP15

1 7 1 1093 585211N0295918E 230857ZSEP15 1B/1B
 1105 584239N0294409E 230900ZSEP15

1 7 2 1093 583019N0292452E 230904ZSEP15 1C/1C
 1099 581237N0285741E 230910ZSEP15

1 7 3 1091 575154N0282637E 230916ZSEP15 1C/1C
 1096 574536N0281720E 230918ZSEP15

1 8 1 1073 572405N0281622E 230925ZSEP15 1C/1C
 1085 571604N0282706E 230928ZSEP15

1 9 1 1018 562534N0302630E 230949ZSEP15 0C/0C
 1047 562102N0304319E 230951ZSEP15

1 9 2 1025 561813N0305337E 230952ZSEP15 0C/0C
 1040 561735N0305556E 230953ZSEP15

1 11 1 999 545505N0321915E 231023ZSEP15 0C/0C
 1057 545505N0321915E 231026ZSEP15

1 12 1 948 534948N0281002E 231100ZSEP15 1C/1C
 961 534858N0272317E 231107ZSEP15

1 14 1 1042 535400N0252618E 231126ZSEP15 1C/1C
 1095 535113N0251139E 231128ZSEP15

1 15 1 1064 534658N0244546E 231132ZSEP15 1C/1C
 1081 534712N0244038E 231133ZSEP15

1 18 1 1171 545533N0221411E 231207ZSEP15 1C/1C
 1186 545640N0220304E 231209ZSEP15

1 18 2 1176 545851N0213931E 231213ZSEP15 1C/1C
 1183 550014N0212411E 231215ZSEP15

1 19 1 1211 545716N0204921E 231221ZSEP15 1C/1C
 1214 545336N0203632E 231223ZSEP15

2 1 1 949 545334N0203611E 240700ZSEP15 1C/1C

951 545322N020353E 240700ZSEP15

2 1 2 854 544847N0202035E 240703ZSEP15 1C/1C
866 544723N0201603E 240703ZSEP15

2 2 1 893 544601N0201024E 240704ZSEP15 1C/1O
900 544341N0195640E 240706ZSEP15

2 4 1 911 543556N0195006E 240714ZSEP15 1O/1O
921 543846N0195535E 240715ZSEP15

2 5 1 904 544295N0200903E 240715ZSEP15 1C/1C
909 543934N0203927E 240719ZSEP15

2 6 1 917 544100N0210017E 240722ZSEP15 1C/1C
910 544531N0211628E 240724ZSEP15

2 7 1 885 543800N0214404E 240731ZSEP15 1C/1C
864 543358N0215047E 240732ZSEP15

2 10 1 1082 533537N0243328E 240802ZSEP15 1C/1C
1090 533214N0244719E 240804ZSEP15

2 11 1 1098 531109N0255441E 240815ZSEP15 1C/1C
1104 530438N0260452E 240817ZSEP15

2 11 2 1097 525345N0262147E 240821ZSEP15 1C/1C
1110 524534N0263422E 240824ZSEP15

2 12 1 1140 524517N0273741E 240835ZSEP15 1C/1C
1146 524752N0274819E 240837ZSEP15

2 12 2 1147 530627N0290734E 240850ZSEP15 1C/1C
1152 530913N0291943E 240852ZSEP15

2 13 1 1094 541645N0322012E 240924ZSEP15 0C/0C
1096 542047N0323019E 240925ZSEP15

2 14 1 1054 534705N0331912E 240943ZSEP15 1C/1C
1060 534115N0332110E 240944ZSEP15

2 15 1 1090 531102N0341600E 241006ZSEP15 1C/1C
1099 531800N0342635E 241008ZSEP15

2 15 2 1103 535351N0352226E 241020ZSEP15 1C/1C
1113 541026N0354901E 241025ZSEP15

2 15 3 1102 542417N0361139E 241030ZSEP15 1C/1C
1114 543452N0362912E 241033ZSEP15

2 16 1 1081 540138N0360159E 241055ZSEP15 1C/1C
1095 534002N0354005E 241102ZSEP15

2 17 1 1075 535905N0380305E 241129ZSEP15 1C/1C
1109 540256N0382315E 241132ZSEP15

2 18 1 1175 542824N0395751E 241151ZSEP15 1C/1C
1186 544355N0392555E 241157ZSEP15

2 18 2 1176 545321N0390612E 241201ZSEP15 1C/1C
1182 545758N0385624E 241203ZSEP15

s.15(1)

s.19(1)

2 19 1 1186 552357N0383121E 241211ZSEP15 1C/1C
1196 555533N0382558E 241219ZSEP15

2 20 1 1098 560404N0381317E 241222ZSEP15 1C/1C
1106 561345N0373445E 241227ZSEP15

2 21 1 1084 561237N0371732E 241230ZSEP15 1C/1C
1100 555955N0365444E 241235ZSEP15

2 22 1 1122 555113N0364551E 241237ZSEP15 1C/1C
1129 553715N0363913E 241240ZSEP15

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: **NO**
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:
PREFLIGHT-INSPECTION: OK
FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **LCOL VEILLETTE (CA);**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **250500ZSEP15**

6. REMARKS:

A. This notification was originally sent under number OS/CA/15/0058/F14/O and due to a technical challenge did not contain any sensor data in paragraph 5.

B. Declaration of Canada and

Considering the unwillingness of the Republic of Belarus and the Russian Federation Group of States Parties to allow an Observation flight with a flight distance greater than 500km over Kaliningrad, according to the Mission Plan handed in, the Observing Parties – Canada and declare the following:

1. - Kaliningrad region is included in the Treaty reference, Annex E, paragraph 5(B)(3).

Kaliningrad region is an integral portion of the Republic of Belarus and the Russian Federation Group of States Parties territory, being that this portion is separated from the mainland less than 600km.

The reference mentioned allows for appointing a separated maximum flight distance -MFD- only in the case that there is not an already established one. Having a maximum flight distance already specified that included this region (5500 km from Kubinka Open Skies Airfield - OSA-), the unilateral limitation of 500km is not legally in accordance with the Treaty.

2. - Based on the Treaty references, Article II, paragraphs 5 and 11, and in accordance with the Decision 19, there is no regulation that permits two different MFD's for a flight segment. Likewise, there is no reference in any regulation by which a State Party could establish a partial limit in a MFD for a portion of a territory with an already specified MFD.

Canada and
support from

would like to thank the Russian Federation and Belarus for the excellent
and his Open Skies team.

C. Observed Party Comments:

Due to the fact that the initial observation plan was not in accordance with the rules of flight over the territory of Kaliningrad Oblast, determined by OS/RB/14/1018/F26/O, the observation side had to include the necessary changes. The observation side agreed to include these changes. The Russian side observes that the maximum length of flight of 500km's, designated for flights over Kaliningrad Oblast, is enough to observe any point over its territory. In addition, we would like to point out that if there is only one observation flight, the Treaty on Open Skies does not consider an opportunity the observation of 100% of its entirety or a certain part of it. In order to avoid these ungrounded statements in the future, about the so called restrictions, of reducing the lengths of observation flights over the territory of the Russian Federation, we feel that the observation side should carefully study the comments of the group of state parties Belarus/Russian Federation in accordance with the rules of conducting the flights over the territory of Kaliningrad Oblast, included in OS/RB/14/1041/F35/O, as well as the report of the Russian Federation in Consultative Commission of Open Skies made on 15 Sep 2014.

7. END OF OS MESSAGE NUMBER: OS/CA/15/0066/F14/O

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO: BELARUS/RUSSIAN FEDERATION

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/14/0043/F14/O
2. OS MESSAGE DATE AND TIME: 061305Z OCT14
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/14/0026/F12/O
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: BELARUS/RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS-14-141
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 291347Z SEP14
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C-130J

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD:
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES:
553641N, 0363852E
 - (b) DATE AND TIME OF TAKEOFF: 010654Z OCT14
 - (c) LEGS OF THIS SEGMENT:
 - 1, 552942N0362615E
 - 2, 545704N0363900E
 - 3, 544337N0362736E
 - 4, 542916N0362013E
 - 5, 542654N0354604E
 - 6, 541632N0353818E
 - 7, 534321N0355934E

8, 541349N0344703E
9, 541339N0335912E
10, 542518N0324126E
11, 541400N0320937E
12, 535120N0330355E
13, 533623N0333427E
14, 532442N0340611E
15, 530717N0343533E
16, 530844N0351241E
17, 530339N0353342E
18, 525539N0362042E
19, 515022N0360546E
20, 513524N0362933E
21, 512653N0374130E
22, 510857N0375258E
23, 510018N0384457E
24, 503717N0392055E
25, 502643N0395513E
26, 500415N0410233E
27, 485818N0414502E
28, 481039N0414730E
29, 472719N0401700E
30, 471641N0393812E

(d) LANDING AIRFIELD:

- (i) ICAO DESIGNATOR: **XRRO**
- (ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(e) DATE AND TIME OF LANDING: **011115ZOCT14**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD:

- (i) ICAO DESIGNATOR: **XRRO**
- (ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(b) DATE AND TIME OF TAKEOFF: **020651ZOCT14**

(c) LEGS OF THIS SEGMENT:

1, 464623N0394115E
2, 461234N0391945E
3, 453831N0375048E
4, 451356N0371523E
5, 445554N0372136E
6, 444740N0374704E
7, 443057N0374550E
8, 443828N0381807E
9, 451132N0385439E
10, 43544N00391419E
11, 443302N0403158E
12, 434035N0413932E
13, 433930N0423350E
14, 432022N0433141E
15, 442651N0433047E
16, 450045N0444001E
17, 460138N0435134E

18, 462541N0415520E
19, 462723N0404234E
20, 463838N0403006E
21, 465649N0401754E
22, 471641N0393812E

(d) LANDING AIRFIELD:

(i) ICAO DESIGNATOR: XRRO

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(e) DATE AND TIME OF LANDING: 021104ZOCT14

(3) FLIGHT SEGMENT NUMBER: 3

(a) DEPARTURE AIRFIELD:

(i) ICAO DESIGNATOR: XRRO

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(b) DATE AND TIME OF TAKEOFF: 030652ZOCT14

(c) LEGS OF THIS SEGMENT:

1, 472815N0414444E
2, 475140N0422030E
3, 482541N0425452E
4, 484423N0430758E
5, 483028N0444221E
6, 493446N0451630E
7, 500204N0450327E
8, 502656N0435750E
9, 510542N0422739E
10, 510926N0411349E
11, 511819N0391822E
12, 515328N0390302E
13, 524901N0393147E
14, 540622N0374749E
15, 542304N0371836E
16, 544626N0372737E
17, 551918N0370538E
18, 553641N0363852E

(d) LANDING AIRFIELD:

(i) ICAO DESIGNATOR: UUMB

(ii) GEOGRAPHIC CO-ORDINATES:
553641N, 0363852E

(e) DATE AND TIME OF LANDING: 031043ZOCT14

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 5182

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__-L4

MIN/MAX

SEG	LEG	OP	HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	2118 2135	553605N0363753E 553357N0363359E	010700Z OCT 14 010701Z OCT 14	1B
1	2	1	2130 2138	552450N0362815E 550159N0363700E	010703Z OCT 14 010709Z OCT 14	1B
1	4	1	2134 2145	543632N0362355E 543211N0362141E	010716Z OCT 14 010717Z OCT 14	1B
1	5	1	2137 2144	542834N0360954E 542745N0355813E	010719Z OCT 14 010721Z OCT 14	1B
1	7	1	2144 2156	541253N0354035E 535124N0355425E	010726Z OCT 14 010731Z OCT 14	1B
1	8	1	2135 2156	534625N0355227E 540536N0350656E	010739Z OCT 14 010747Z OCT 14	1O
1	9	1	2154 2167	541348N0342842E 541344N0341416E	010753Z OCT 14 010755Z OCT 14	1B
2	2	1	2216 2228	463616N0393448E 461738N0392259E	020710Z OCT 14 020715Z OCT 14	0C
2	4	1	2233 2244	452059N0372531E 451741N0372048E	020740Z OCT 14 020741Z OCT 14	0C
2	5	1	2233 2245	450736N0371735E 445859N0372034E	020744Z OCT 14 020746Z OCT 14	0C
2	7	1	2538 2557	444512N0374659E 443857N0374628E	020752Z OCT 14 020753Z OCT 14	0C
2	8	1	2540 2560	443349N0375758E 443516N0380410E	020757Z OCT 14 020758Z OCT 14	0C
2	10	1	2538 2545	450829N0385623E 445959N0390104E	020816Z OCT 14 020819Z OCT 14	1O
2	10	2	2530 2551	444943N0390642E 444349N0390954E	020821Z OCT 14 020823Z OCT 14	1O
2	11	1	2535 2546	443420N0395731E 443325N0402148E	020833Z OCT 14 020837Z OCT 14	1O
2	12	1	3789 3793	435613N0411938E 434714N0413106E	020851Z OCT 14 020854Z OCT 14	1O
2	14	1	4714 4717	433225N0425526E 432856N0430558E	020910Z OCT 14 020912Z OCT 14	1O
2	15	1	3147 3158	433407N0433130E 434313N0433121E	020921Z OCT 14 020923Z OCT 14	1B
2	16	1	2214 2239	443315N0434337E 443653N0435057E	020937Z OCT 14 020939Z OCT 14	1B
2	16	2	2201 2224	444520N0440809E 445607N0443020E	020942Z OCT 14 020947Z OCT 14	1B

2	18	1	2194 2202	460455N0433610E 460732N0432358E	021009ZOCT14 021011ZOCT14	0C
2	19	1	2207 2215	462610N0413616E 462634N0411954E	021030ZOCT14 021033ZOCT14	0C
2	20	1	2215 2223	463121N0403806E 463628N0403225E	021041ZOCT14 021042ZOCT14	0C
2	21	1	2217 2222	464623N0402451E 465422N0401929E	021045ZOCT14 021047ZOCT14	0C
2	22	1	2222 2235	470825N0395445E 471621N0393847E	021054ZOCT14 021059ZOCT14	0C
3	2	1	2213 2221	473803N0415936E 474410N0420857E	030724ZOCT14 030726ZOCT14	0C
3	3	1	2197 2215	480003N0422852E 480756N0423651E	030732ZOCT14 030734ZOCT14	0C
3	5	1	2191 2207	484129N0432825E 483744N0435415E	030747ZOCT14 030752ZOCT14	0C
3	5	2	2182 2193	483428N0441610E 483232N0442856E	030755ZOCT14 030757ZOCT14	0C
3	7	1	2134 2171	494436N0451145E 495034N0450853E	030819ZOCT14 030821ZOCT14	1S
3	8	1	2152 2159	501823N0442033E 502154N0441109E	030832ZOCT14 030834ZOCT14	1S
3	10	1	2168 2186	510610N0421836E 510831N0413237E	030854ZOCT14 030901ZOCT14	0C
3	12	1	2188 2217	512510N0391521E 514433N0390653E	030924ZOCT14 030929ZOCT14	0C
3	13	1	2185 2199	523347N0392343E 524419N0392915E	030942ZOCT14 030945ZOCT14	0C
3	15	1	2196 2212	540954N0374141E 541933N0372445E	031011ZOCT14 031015ZOCT14	1B
3	17	1	2191 2212	545004N0372510E 551334N0370929E	031023ZOCT14 031029ZOCT14	1B
3	18	1	2201 2213	552618N0365451E 553641N0363850E	031033ZOCT14 031036ZOCT14	1B

(2) SENSOR USED: PG-OF__V4

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	2118 2135	553605N0363753E 553357N0363359E	010700ZOCT14 010701ZOCT14	1B
1	2	1	2130	552450N0362815E	010703ZOCT14	1B

			2138	550159N0363700E	010709ZOCT14	
1	4	1	2134 2145	543632N0362355E 543211N0362141E	010716ZOCT14 010717ZOCT14	1B
1	5	1	2137 2144	542834N0360954E 542745N0355813E	010719ZOCT14 010721ZOCT14	1B
1	7	1	2144 2156	541253N0354035E 535124N0355425E	010726ZOCT14 010731ZOCT14	1B
1	8	1	2135 2156	534625N0355227E 540536N0350656E	010739ZOCT14 010747ZOCT14	1O
1	9	1	2154 2167	541348N0342842E 541344N0341416E	010753ZOCT14 010755ZOCT14	1B
2	2	1	2216 2228	463616N0393448E 461738N0392259E	020710ZOCT14 020715ZOCT14	0C
2	4	1	2233 2244	452059N0372531E 451741N0372048E	020740ZOCT14 020741ZOCT14	0C
2	5	1	2233 2245	450736N0371735E 445859N0372034E	020744ZOCT14 020746ZOCT14	0C
2	7	1	2538 2557	444512N0374659E 443857N0374628E	020752ZOCT14 020753ZOCT14	0C
2	8	1	2540 2560	443349N0375758E 443516N0380410E	020757ZOCT14 020758ZOCT14	0C
2	10	1	2538 2545	450829N0385623E 445959N0390104E	020816ZOCT14 020819ZOCT14	1O
2	10	2	2530 2551	444943N0390642E 444349N0390954E	020821ZOCT14 020823ZOCT14	1O
2	11	1	2535 2546	443420N0395731E 443325N0402148E	020833ZOCT14 020837ZOCT14	1O
2	12	1	3789 3793	435613N0411938E 434714N0413106E	020851ZOCT14 020854ZOCT14	1O
2	14	1	4714 4717	433225N0425526E 432856N0430558E	020910ZOCT14 020912ZOCT14	1O
2	15	1	3147 3158	433407N0433130E 434313N0433121E	020921ZOCT14 020923ZOCT14	1B
2	16	1	2214 2239	443315N0434337E 443653N0435057E	020937ZOCT14 020939ZOCT14	1B
2	16	2	2201 2224	444520N0440809E 445607N0443020E	020942ZOCT14 020947ZOCT14	1B
2	18	1	2194 2202	460455N0433610E 460732N0432358E	021009ZOCT14 021011ZOCT14	0C
2	19	1	2207 2215	462610N0413616E 462634N0411954E	021030ZOCT14 021033ZOCT14	0C

2	20	1	2215 2223	463121N0403806E 463628N0403225E	021041ZOCT14 021042ZOCT14	0C
2	21	1	2217 2222	464623N0402451E 465422N0401929E	021045ZOCT14 021047ZOCT14	0C
2	22	1	2222 2235	470825N0395445E 471621N0393847E	021054ZOCT14 021059ZOCT14	0C
3	2	1	2213 2221	473803N0415936E 474410N0420857E	030724ZOCT14 030726ZOCT14	0C
3	3	1	2197 2215	480003N0422852E 480756N0423651E	030732ZOCT14 030734ZOCT14	0C
3	5	1	2191 2207	484129N0432825E 483744N0435415E	030747ZOCT14 030752ZOCT14	0C
3	5	2	2182 2193	483428N0441610E 483232N0442856E	030755ZOCT14 030757ZOCT14	0C
3	7	1	2134 2171	494436N0451145E 495034N0450853E	030819ZOCT14 030821ZOCT14	1S
3	8	1	2152 2159	501823N0442033E 502154N0441109E	030832ZOCT14 030834ZOCT14	1S
3	10	1	2168 2186	510610N0421836E 510831N0413237E	030854ZOCT14 030901ZOCT14	0C
3	12	1	2188 2217	512510N0391521E 514433N0390653E	030924ZOCT14 030929ZOCT14	0C
3	13	1	2185 2199	523347N0392343E 524419N0392915E	030942ZOCT14 030945ZOCT14	0C
3	15	1	2196 2212	540954N0374141E 541933N0372445E	031011ZOCT14 031015ZOCT14	1B
3	17	1	2191 2212	545004N0372510E 551334N0370929E	031023ZOCT14 031029ZOCT14	1B
3	18	1	2201 2213	552618N0365451E 553641N0363850E	031033ZOCT14 031036ZOCT14	1B

(3) SENSOR USED: PG-OF__-R4

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	2118 2135	553605N0363753E 553357N0363359E	010700ZOCT14 010701ZOCT14	1B
1	2	1	2130 2138	552450N0362815E 550159N0363700E	010703ZOCT14 010709ZOCT14	1B
1	4	1	2134 2145	543632N0362355E 543211N0362141E	010716ZOCT14 010717ZOCT14	1B
1	5	1	2137 2144	542834N0360954E 542745N0355813E	010719ZOCT14 010721ZOCT14	1B

1	7	1	2144 2156	541253N0354035E 535124N0355425E	010726ZOCT14 010731ZOCT14	1B
1	8	1	2135 2156	534625N0355227E 540536N0350656E	010739ZOCT14 010747ZOCT14	1O
1	9	1	2154 2167	541348N0342842E 541344N0341416E	010753ZOCT14 010755ZOCT14	1B
2	2	1	2216 2228	463616N0393448E 461738N0392259E	020710ZOCT14 020715ZOCT14	0C
2	4	1	2233 2244	452059N0372531E 451741N0372048E	020740ZOCT14 020741ZOCT14	0C
2	5	1	2233 2245	450736N0371735E 445859N0372034E	020744ZOCT14 020746ZOCT14	0C
2	7	1	2538 2557	444512N0374659E 443857N0374628E	020752ZOCT14 020753ZOCT14	0C
2	8	1	2540 2560	443349N0375758E 443516N0380410E	020757ZOCT14 020758ZOCT14	0C
2	10	1	2538 2545	450829N0385623E 445959N0390104E	020816ZOCT14 020819ZOCT14	1O
2	10	2	2530 2551	444943N0390642E 444349N0390954E	020821ZOCT14 020823ZOCT14	1O
2	11	1	2535 2546	443420N0395731E 443325N0402148E	020833ZOCT14 020837ZOCT14	1O
2	12	1	3789 3793	435613N0411938E 434714N0413106E	020851ZOCT14 020854ZOCT14	1O
2	14	1	4714 4717	433225N0425526E 432856N0430558E	020910ZOCT14 020912ZOCT14	1O
2	15	1	3147 3158	433407N0433130E 434313N0433121E	020921ZOCT14 020923ZOCT14	1B
2	16	1	2214 2239	443315N0434337E 443653N0435057E	020937ZOCT14 020939ZOCT14	1B
2	16	2	2201 2224	444520N0440809E 445607N0443020E	020942ZOCT14 020947ZOCT14	1B
2	18	1	2194 2202	460455N0433610E 460732N0432358E	021009ZOCT14 021011ZOCT14	0C
2	19	1	2207 2215	462610N0413616E 462634N0411954E	021030ZOCT14 021033ZOCT14	0C
2	20	1	2215 2223	463121N0403806E 463628N0403225E	021041ZOCT14 021042ZOCT14	0C
2	21	1	2217 2222	464623N0402451E 465422N0401929E	021045ZOCT14 021047ZOCT14	0C
2	22	1	2222	470825N0395445E	021054ZOCT14	0C

			2235	471621N0393847E	021059ZOCT14	
3	2	1	2213 2221	473803N0415936E 474410N0420857E	030724ZOCT14 030726ZOCT14	0C
3	3	1	2197 2215	480003N0422852E 480756N0423651E	030732ZOCT14 030734ZOCT14	0C
3	5	1	2191 2207	484129N0432825E 483744N0435415E	030747ZOCT14 030752ZOCT14	0C
3	5	2	2182 2193	483428N0441610E 483232N0442856E	030755ZOCT14 030757ZOCT14	0C
3	7	1	2134 2171	494436N0451145E 495034N0450853E	030819ZOCT14 030821ZOCT14	1S
3	8	1	2152 2159	501823N0442033E 502154N0441109E	030832ZOCT14 030834ZOCT14	1S
3	10	1	2168 2186	510610N0421836E 510831N0413237E	030854ZOCT14 030901ZOCT14	0C
3	12	1	2188 2217	512510N0391521E 514433N0390653E	030924ZOCT14 030929ZOCT14	0C
3	13	1	2185 2199	523347N0392343E 524419N0392915E	030942ZOCT14 030945ZOCT14	0C
3	15	1	2196 2212	540954N0374141E 541933N0372445E	031011ZOCT14 031015ZOCT14	1B
3	17	1	2191 2212	545004N0372510E 551334N0370929E	031023ZOCT14 031029ZOCT14	1B
3	18	1	2201 2213	552618N0365451E 553641N0363850E	031033ZOCT14 031036ZOCT14	1B

(4) SENSOR USED: PG-OF__-P4

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	10	1	5161 5174	542118N0330847E 542200N0330358E	010805ZOCT14 010806ZOCT14	1B
1	10	2	5166 5168	542229N0330035E 542257N0325724E	010807ZOCT14 010807ZOCT14	1B
1	11	1	5189 5203	542236N0323346E 541659N0321757E	010811ZOCT14 010813ZOCT14	1B
1	13	1	5167 5174	534531N0331550E 534059N0332506E	010826ZOCT14 010828ZOCT14	1B
1	14	1	5152 5168	533400N0334057E 532721N0335901E	010831ZOCT14 010834ZOCT14	1B
1	15	1	5148 5153	531911N0341532E 531114N0342855E	010837ZOCT14 010840ZOCT14	1B

1	16	1	5132 5140	530752N0344942E 530821N0350243E	010844ZOCT14 010846ZOCT14	1B
1	18	1	5414 5421	530019N0355327E 525716N0361118E	010854ZOCT14 010857ZOCT14	1B
1	20	1	5126 5131	514727N0361025E 513951N0362229E	010915ZOCT14 010917ZOCT14	1O
1	22	1	5102 5116	512123N0374501E 511430N0374925E	010932ZOCT14 010934ZOCT14	1O
1	24	1	5093 5106	504524N0390819E 504106N0391500E	010949ZOCT14 010950ZOCT14	1O
1	25	1	5094 5101	503421N0393028E 503009N0394405E	010953ZOCT14 010956ZOCT14	1B
1	26	1	5087 5101	502042N0401329E 501550N0402810E	011001ZOCT14 011004ZOCT14	1B
1	27	1	5091 5103	494903N0411230E 493158N0412335E	011014ZOCT14 011018ZOCT14	1B
1	28	1	5110 5127	483307N0414619E 481536N0414714E	011033ZOCT14 011038ZOCT14	1B
1	29	1	5133 5158	475640N0411742E 474302N0404912E	011045ZOCT14 011051ZOCT14	1B
1	30	1	5184 5208	472515N0400921E 471637N0393753E	011059ZOCT14 011104ZOCT14	1S

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE:
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: YES

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

PREFLIGHT INSPECTION: OK
FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: MAJ S. COLLARD

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: 031500ZOCT14

6. REMARKS:
CANADA WOULD LIKE TO THANK THE RUSSIAN FEDERATION TEAM FOR THEIR PROFESSIONALISM AND HOSPITALITY THROUGHOUT THE MISSION.

7. END OF OS MESSAGE NUMBER: **OS/CA/14/0043/F14/O**

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO: BELARUS/RUSSIAN FEDERATION

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/14/0035/F14/O
2. OS MESSAGE DATE AND TIME: 301500ZSEP14
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/14/0025/F12/O
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: BELARUS/RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS-14-140
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 221552ZSEP14
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C-130J

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD:
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES:
553641N, 0363852E
 - (b) DATE AND TIME OF TAKEOFF: 240552ZSEP14
 - (c) LEGS OF THIS SEGMENT:
 - 1, 552641N0362201E
 - 2, 550512N0364653E
 - 3, 540543N0340007E
 - 4, 542651N0314802E
 - 5, 533751N0293443E
 - 6, 531818N0285511E
 - 7, 531719N0280658E

8, 540544N0280044E
9, 540455N0274932E
10, 534200N0273050E
11, 530117N0254330E
12, 530617N0251105E
13, 524724N0250000E
14, 522500N0244705E
15, 514802N0235406E
16, 521018N0233904E
17, 525837N0240946E
18, 532314N0242505E
19, 535715N0253230E
20, 533846N0234257E
21, 534948N0233311E
22, 541959N0221030E
23, 543406N0210005E
24, 542746N0200604E
25, 543040N0194536E
26, 545336N0200803E
27, 544819N0201853E
28, 543639N0201221E
29, 544550N0204109E
30, 545324N0203542E

(d) LANDING AIRFIELD: **UMKK**

(i) ICAO DESIGNATOR: **UMKK**

(ii) GEOGRAPHIC CO-ORDINATES:
545324N, 0203542E

(e) DATE AND TIME OF LANDING: **241052ZSEP14**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD:

(i) ICAO DESIGNATOR: **UMKK**

(ii) GEOGRAPHIC CO-ORDINATES:
545324N, 0203542E

(b) DATE AND TIME OF TAKEOFF: **250653ZSEP14**

(c) LEGS OF THIS SEGMENT:

1, 544703N0201221E
2, 544143N0200639E
3, 544117N0204603E
4, 543748N0220114E
5, 541959N0221030E
6, 534948N0233311E
7, 530514N0250925E
8, 530356N0255509E
9, 531136N0262354E
10, 534101N0272926E
11, 535609N0281035E
12, 542125N0283949E
13, 544812N0290214E
14, 550333N0284246E
15, 553121N0282726E
16, 553700N0295116E
17, 552002N0300504E

18, 550321N0302454E
 19, 550915N0343548E
 20, 562251N0341618E
 21, 564145N0353203E
 22, 565825N0360301E
 23, 563148N0362346E
 24, 561512N0365754E
 25, 555219N0371750E
 26, 555905N0375015E
 27, 554906N0381222E
 28, 552633N0380723E
 29, 552317N0373830E
 30, 554226N0371806E
 31, 553641N0363852E

(d) LANDING AIRFIELD:

(i) ICAO DESIGNATOR: UUMB

(ii) GEOGRAPHIC CO-ORDINATES:
 553641N, 0363852E

(e) DATE AND TIME OF LANDING: 251136ZSEP14

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 3980

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__L4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	1108 1129	553630N0363848E 553229N0363152E	240601ZSEP14 240602ZSEP14	1O
1	2	1	1120 1124	552241N0362645E 551035N0364047E	240606ZSEP14 240609ZSEP14	1O
1	3	1	1115 1120	541513N0342539E 541225N0341808E	240633ZSEP14 240634ZSEP14	1O
1	4	1	1132 1140	541957N0323255E 542137N0322215E	240650ZSEP14 240652ZSEP14	1O
1	5	1	1160 1174	535711N0302557E 534949N0300613E	240711ZSEP14 240714ZSEP14	1O
1	7	1	1185 1199	531810N0284833E 531728N0281423E	240728ZSEP14 240734ZSEP14	1C
1	8	1	1192 1207	534927N0280249E 535654N0280152E	240744ZSEP14 240746ZSEP14	0C
1	10	1	1199 1216	540100N0274619E 534433N0273256E	240752ZSEP14 240756ZSEP14	0C
1	11	1	1227 1236	531011N0260621E 530327N0254904E	240814ZSEP14 240818ZSEP14	0C
1	12	1	1236	530258N0253237E	240822ZSEP14	0C

			1243	530531N0251606E	240825ZSEP14	
1	14	1	851 851	524654N0245945E 524654N0245945E	240834ZSEP14 240836ZSEP14	0C
1	16	1	1252 1262	515232N0235059E 520830N0234014E	240850ZSEP14 240855ZSEP14	1B
1	18	1	1239 1251	531518N0242002E 532145N0242404E	240913ZSEP14 240914ZSEP14	1S
1	19	1	1232 1244	534954N0251735E 535445N0252724E	240926ZSEP14 240928ZSEP14	1S
1	20	1	1241 1251	534039N0235350E 533907N0234510E	240943ZSEP14 240944ZSEP14	1S
1	23	1	922 940	543108N0211514E 543250N0210634E	241014ZSEP14 241015ZSEP14	1C
1	25	1	925 932	542838N0195959E 542942N0195224E	241025ZSEP14 241026ZSEP14	1C
1	26	1	924 929	543450N0194933E 544809N0200240E	241028ZSEP14 241031ZSEP14	1C
1	27	1	919 928	545249N0200936E 544947N0201553E	241038ZSEP14 241039ZSEP14	1C
1	29	1	914 935	543907N0201957E 544406N0203531E	241043ZSEP14 241045ZSEP14	1C
1	30	1	922 933	544901N0203850E 545336N0203529E	241047ZSEP14 241049ZSEP14	1C
2	1	1	919 931	545342N0203648E 544824N0201720E	250700ZSEP14 250703ZSEP14	1C
2	3	1	932 944	544141N0201324E 544122N0204048E	250709ZSEP14 250713ZSEP14	1C
2	4	1	940 949	543847N0214155E 543806N0215547E	250722ZSEP14 250724ZSEP14	1C
2	7	1	1223 1230	533807N0235853E 533440N0240634E	250752ZSEP14 250753ZSEP14	1C
2	7	2	1231 1237	532314N0243119E 532210N0243336E	250758ZSEP14 250759ZSEP14	1C
2	8	1	1236 1245	530502N0251652E 530403N0255145E	250807ZSEP14 250812ZSEP14	1C
2	9	1	1236 1247	530528N0260050E 530813N0261105E	250813ZSEP14 250815ZSEP14	1C
2	11	1	1241 1244	535113N0275701E 535434N0280615E	250834ZSEP14 250835ZSEP14	1C
2	12	1	1241 1245	540935N0282602E 541642N0283418E	250840ZSEP14 250842ZSEP14	1C

2	14	1	1236 1241	545235N0285642E 550012N0284701E	250852ZSEP14 250855ZSEP14	1C
2	16	1	1233 1238	553217N0284024E 553316N0285421E	250904ZSEP14 250906ZSEP14	1C
2	17	1	1234 1237	553152N0295528E 552612N0300005E	250916ZSEP14 250917ZSEP14	1C
2	18	1	1231 1243	551557N0300959E 550536N0302216E	250920ZSEP14 250923ZSEP14	1C
2	19	1	1223 1225	550903N0341547E 550909N0342726E	250957ZSEP14 250958ZSEP14	1C
2	20	1	1220 1224	561147N0341924E 561818N0341739E	251015ZSEP14 251017ZSEP14	1C
2	22	1	1215 1225	564520N0353848E 565604N0355845E	251030ZSEP14 251034ZSEP14	1C
2	23	1	1218 1222	564054N0361637E 563651N0361946E	251040ZSEP14 251041ZSEP14	1C
2	24	1	1219 1223	562325N0364056E 561945N0364829E	251045ZSEP14 251047ZSEP14	1S
2	25	1	1220 1242	561019N0370205E 560449N0370654E	251050ZSEP14 251052ZSEP14	1O
2	26	1	1399 1401	555336N0372416E 555626N0373740E	251056ZSEP14 251058ZSEP14	1O
2	27	1	1394 1401	555504N0375903E 554945N0381048E	251101ZSEP14 251103ZSEP14	1B
2	28	1	1385 1388	553724N0380948E 553002N0380811E	251107ZSEP14 251109ZSEP14	1C
2	29	1	1379 1381	552534N0375849E 552426N0374838E	251111ZSEP14 251112ZSEP14	1S
2	30	1	1406 1410	552823N0373304E 553921N0372124E	251115ZSEP14 251118ZSEP14	1O
2	31	1	1404 1412	554138N0371215E 553645N0363920E	251120ZSEP14 251125ZSEP14	1O

(2) SENSOR USED: PG-OF__-V4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	1108 1129	553630N0363848E 553229N0363152E	240601ZSEP14 240602ZSEP14	1O
1	2	1	1120 1124	552241N0362645E 551035N0364047E	240606ZSEP14 240609ZSEP14	1O
1	3	1	1115 1120	541513N0342539E 541225N0341808E	240633ZSEP14 240634ZSEP14	1O

1	4	1	1132 1140	541957N0323255E 542137N0322215E	240650ZSEP14 240652ZSEP14	1O
1	5	1	1160 1174	535711N0302557E 534949N0300613E	240711ZSEP14 240714ZSEP14	1O
1	7	1	1185 1199	531810N0284833E 531728N0281423E	240728ZSEP14 240734ZSEP14	1C
1	8	1	1192 1207	534927N0280249E 535654N0280152E	240744ZSEP14 240746ZSEP14	0C
1	10	1	1199 1216	540100N0274619E 534433N0273256E	240752ZSEP14 240756ZSEP14	0C
1	11	1	1227 1236	531011N0260621E 530327N0254904E	240814ZSEP14 240818ZSEP14	0C
1	12	1	1236 1243	530258N0253237E 530531N0251606E	240822ZSEP14 240825ZSEP14	0C
1	14	1	851 851	524654N0245945E 524654N0245945E	240834ZSEP14 240836ZSEP14	0C
1	16	1	1252 1262	515232N0235059E 520830N0234014E	240850ZSEP14 240855ZSEP14	1B
1	18	1	1239 1251	531518N0242002E 532145N0242404E	240913ZSEP14 240914ZSEP14	1S
1	19	1	1232 1244	534954N0251735E 535445N0252724E	240926ZSEP14 240928ZSEP14	1S
1	20	1	1241 1251	534039N0235350E 533907N0234510E	240943ZSEP14 240944ZSEP14	1S
1	23	1	922 940	543108N0211514E 543250N0210634E	241014ZSEP14 241015ZSEP14	1C
1	25	1	925 932	542838N0195959E 542942N0195224E	241025ZSEP14 241026ZSEP14	1C
1	26	1	924 929	543450N0194933E 544809N0200240E	241028ZSEP14 241031ZSEP14	1C
1	27	1	919 928	545249N0200936E 544947N0201553E	241038ZSEP14 241039ZSEP14	1C
1	29	1	914 935	543907N0201957E 544406N0203531E	241043ZSEP14 241045ZSEP14	1C
1	30	1	922 933	544901N0203850E 545336N0203529E	241047ZSEP14 241049ZSEP14	1C
2	1	1	919 931	545342N0203648E 544824N0201720E	250700ZSEP14 250703ZSEP14	1C
2	3	1	932 944	544141N0201324E 544122N0204048E	250709ZSEP14 250713ZSEP14	1C
2	4	1	940	543847N0214155E	250722ZSEP14	1C

			949	543806N0215547E	250724ZSEP14	
2	7	1	1223 1230	533807N0235853E 533440N0240634E	250752ZSEP14 250753ZSEP14	1C
2	7	2	1231 1237	532314N0243119E 532210N0243336E	250758ZSEP14 250759ZSEP14	1C
2	8	1	1236 1245	530502N0251652E 530403N0255145E	250807ZSEP14 250812ZSEP14	1C
2	9	1	1236 1247	530528N0260050E 530813N0261105E	250813ZSEP14 250815ZSEP14	1C
2	11	1	1241 1244	535113N0275701E 535434N0280615E	250834ZSEP14 250835ZSEP14	1C
2	12	1	1241 1245	540935N0282602E 541642N0283418E	250840ZSEP14 250842ZSEP14	1C
2	14	1	1236 1241	545235N0285642E 550012N0284701E	250852ZSEP14 250855ZSEP14	1C
2	16	1	1233 1238	553217N0284024E 553316N0285421E	250904ZSEP14 250906ZSEP14	1C
2	17	1	1234 1237	553152N0295528E 552612N0300005E	250916ZSEP14 250917ZSEP14	1C
2	18	1	1231 1243	551557N0300959E 550536N0302216E	250920ZSEP14 250923ZSEP14	1C
2	19	1	1223 1225	550903N0341547E 550909N0342726E	250957ZSEP14 250958ZSEP14	1C
2	20	1	1220 1224	561147N0341924E 561818N0341739E	251015ZSEP14 251017ZSEP14	1C
2	22	1	1215 1225	564520N0353848E 565604N0355845E	251030ZSEP14 251034ZSEP14	1C
2	23	1	1218 1222	564054N0361637E 563651N0361946E	251040ZSEP14 251041ZSEP14	1C
2	24	1	1219 1223	562325N0364056E 561945N0364829E	251045ZSEP14 251047ZSEP14	1S
2	25	1	1220 1242	561019N0370205E 560449N0370654E	251050ZSEP14 251052ZSEP14	1O
2	26	1	1399 1401	555336N0372416E 555626N0373740E	251056ZSEP14 251058ZSEP14	1O
2	27	1	1394 1401	555504N0375903E 554945N0381048E	251101ZSEP14 251103ZSEP14	1B
2	28	1	1385 1388	553724N0380948E 553002N0380811E	251107ZSEP14 251109ZSEP14	1C
2	29	1	1379 1381	552534N0375849E 552426N0374838E	251111ZSEP14 251112ZSEP14	1S

2	30	1	1406 1410	552823N0373304E 553921N0372124E	251115ZSEP14 251118ZSEP14	10
2	31	1	1404 1412	554138N0371215E 553645N0363920E	251120ZSEP14 251125ZSEP14	10

(3) SENSOR USED: PG-OF__-R4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	1108 1129	553630N0363848E 553229N0363152E	240601ZSEP14 240602ZSEP14	10
1	2	1	1120 1124	552241N0362645E 551035N0364047E	240606ZSEP14 240609ZSEP14	10
1	3	1	1115 1120	541513N0342539E 541225N0341808E	240633ZSEP14 240634ZSEP14	10
1	4	1	1132 1140	541957N0323255E 542137N0322215E	240650ZSEP14 240652ZSEP14	10
1	5	1	1160 1174	535711N0302557E 534949N0300613E	240711ZSEP14 240714ZSEP14	10
1	7	1	1185 1199	531810N0284833E 531728N0281423E	240728ZSEP14 240734ZSEP14	1C
1	8	1	1192 1207	534927N0280249E 535654N0280152E	240744ZSEP14 240746ZSEP14	0C
1	10	1	1199 1216	540100N0274619E 534433N0273256E	240752ZSEP14 240756ZSEP14	0C
1	11	1	1227 1236	531011N0260621E 530327N0254904E	240814ZSEP14 240818ZSEP14	0C
1	12	1	1236 1243	530258N0253237E 530531N0251606E	240822ZSEP14 240825ZSEP14	0C
1	14	1	851 851	524654N0245945E 524654N0245945E	240834ZSEP14 240836ZSEP14	0C
1	16	1	1252 1262	515232N0235059E 520830N0234014E	240850ZSEP14 240855ZSEP14	1B
1	18	1	1239 1251	531518N0242002E 532145N0242404E	240913ZSEP14 240914ZSEP14	1S
1	19	1	1232 1244	534954N0251735E 535445N0252724E	240926ZSEP14 240928ZSEP14	1S
1	20	1	1241 1251	534039N0235350E 533907N0234510E	240943ZSEP14 240944ZSEP14	1S
1	23	1	922 940	543108N0211514E 543250N0210634E	241014ZSEP14 241015ZSEP14	1C
1	25	1	925 932	542838N0195959E 542942N0195224E	241025ZSEP14 241026ZSEP14	1C

1	26	1	924 929	543450N0194933E 544809N0200240E	241028ZSEP14 241031ZSEP14	1C
1	27	1	919 928	545249N0200936E 544947N0201553E	241038ZSEP14 241039ZSEP14	1C
1	29	1	914 935	543907N0201957E 544406N0203531E	241043ZSEP14 241045ZSEP14	1C
1	30	1	922 933	544901N0203850E 545336N0203529E	241047ZSEP14 241049ZSEP14	1C
2	1	1	919 931	545342N0203648E 544824N0201720E	250700ZSEP14 250703ZSEP14	1C
2	3	1	932 944	544141N0201324E 544122N0204048E	250709ZSEP14 250713ZSEP14	1C
2	4	1	940 949	543847N0214155E 543806N0215547E	250722ZSEP14 250724ZSEP14	1C
2	7	1	1223 1230	533807N0235853E 533440N0240634E	250752ZSEP14 250753ZSEP14	1C
2	7	2	1231 1237	532314N0243119E 532210N0243336E	250758ZSEP14 250759ZSEP14	1C
2	8	1	1236 1245	530502N0251652E 530403N0255145E	250807ZSEP14 250812ZSEP14	1C
2	9	1	1236 1247	530528N0260050E 530813N0261105E	250813ZSEP14 250815ZSEP14	1C
2	11	1	1241 1244	535113N0275701E 535434N0280615E	250834ZSEP14 250835ZSEP14	1C
2	12	1	1241 1245	540935N0282602E 541642N0283418E	250840ZSEP14 250842ZSEP14	1C
2	14	1	1236 1241	545235N0285642E 550012N0284701E	250852ZSEP14 250855ZSEP14	1C
2	16	1	1233 1238	553217N0284024E 553316N0285421E	250904ZSEP14 250906ZSEP14	1C
2	17	1	1234 1237	553152N0295528E 552612N0300005E	250916ZSEP14 250917ZSEP14	1C
2	18	1	1231 1243	551557N0300959E 550536N0302216E	250920ZSEP14 250923ZSEP14	1C
2	19	1	1223 1225	550903N0341547E 550909N0342726E	250957ZSEP14 250958ZSEP14	1C
2	20	1	1220 1224	561147N0341924E 561818N0341739E	251015ZSEP14 251017ZSEP14	1C
2	22	1	1215 1225	564520N0353848E 565604N0355845E	251030ZSEP14 251034ZSEP14	1C
2	23	1	1218	564054N0361637E	251040ZSEP14	1C

			1222	563651N0361946E	251041ZSEP14	
2	24	1	1219 1223	562325N0364056E 561945N0364829E	251045ZSEP14 251047ZSEP14	1S
2	25	1	1220 1242	561019N0370205E 560449N0370654E	251050ZSEP14 251052ZSEP14	1O
2	26	1	1399 1401	555336N0372416E 555626N0373740E	251056ZSEP14 251058ZSEP14	1O
2	27	1	1394 1401	555504N0375903E 554945N0381048E	251101ZSEP14 251103ZSEP14	1B
2	28	1	1385 1388	553724N0380948E 553002N0380811E	251107ZSEP14 251109ZSEP14	1C
2	29	1	1379 1381	552534N0375849E 552426N0374838E	251111ZSEP14 251112ZSEP14	1S
2	30	1	1406 1410	552823N0373304E 553921N0372124E	251115ZSEP14 251118ZSEP14	1O
2	31	1	1404 1412	554138N0371215E 553645N0363920E	251120ZSEP14 251125ZSEP14	1O

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE:
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: YES

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

PREFLIGHT-INSPECTION: OK
FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: MAJ T. FOLEY

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: 260000ZSEP14

6. REMARKS:

1. ALTHOUGH CANADA FLEW NO MORE THAN 500 KM OVER THE KALININGRAD AREA PER BELARUS/RUSSIAN FEDERATION REQUEST, THIS RESULTED IN CANADA NOT BEING ABLE TO IMAGE ALL AREAS OF INTEREST. CANADA WISHES TO REIMPHASIZE ITS POSITION, AS PER OS/CA/14/0022/F35/O, AND ASKS BELARUS/RUSSIAN FEDERATION TO AMEND OS/RB/14/1018/F26/O, AS IT CONTRADICTS THE SPIRIT OF THE TREATY ON OPEN SKIES AND SUBSEQUENT OSCC DECISIONS.

2. THE GROUP OF THE COUNTRIES SUCH AS REPUBLIC OF BELARUS/RUSSIAN FEDERATION NOTED TOO MANY REQUIREMENTS FROM THE OBSERVING COUNTRY, WHICH ARE IN ADDITION TO THIS DOCUMENT, BECAUSE THE DISTANCE OF 500 KM FOR FLYING OVER KALININGRAD REGION GIVES AN

OPPORTUNITY TO REACH ANY POINT ON ITS TERRITORY. AT THE SAME TIME, THE OBSERVED COUNTRY BRINGS ATTENTION TO THE FACT THAT THE OPEN SKIES TREATY IS NOT CONSIDERED THE OPPORTUNITY OF OBSERVATION TO REACH 100% COVERAGE OF THE TERRITORY OF THE OBSERVED COUNTRY DURING ONE OBSERVATION FLIGHT. BESIDES THIS, THE OBSERVING COUNTRY COULD NOT EXPLAIN OR SHOW ANY LEGS INSIDE OF THE TERRITORY OF THE KALININGRAD REGION WHICH WAS IMPOSSIBLE TO REACH DURING THE OBSERVATION FLIGHT. TO AVOID THESE BASELESS STATEMENTS IN THE FUTURE ONE MORE TIME, WE WOULD LIKE TO BRING TO THE ATTENTION OF ALL COUNTRIES OF THE TREATY THAT COMMENTS WERE MADE BY BELARUS/RUSSIAN FEDERATION CONSIDERING THE RULES OF THE PERFORMANCE OF THE FLIGHTS OVER KALININGRAD REGION, WHICH WAS MADE IN THE MESSAGE OS/RB/14/1041/F35/O AND THE STATEMENT OF THE RUSSIAN FEDERATION IN OSCC FROM 15 SEPTEMBER, 2014.

7. END OF OS MESSAGE NUMBER: OS/CA/14/0035/F14/O

OS FORMAT **14**

PRECEDENCE: **ROUTINE**

FROM: **CANADA**

TO: **ALL STATES PARTIES**

INFO: **RUSSIAN FEDERATION;**

SUBJECT: **MISSION REPORT ON OBSERVATION FLIGHT**

1. OS MESSAGE NUMBER: **OS/CA/13/0039/F14/O**
2. OS MESSAGE DATE AND TIME: **131400ZJUN13**
3. TREATY REFERENCE: **ARTICLE VI, SECTION I, PARAGRAPH 21**
4. MESSAGE REFERENCE: **OS/CA/13/0032/F12/C**
5. CONTENT

A. **OBSERVATION FLIGHT**

- (1) **OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)**
 - (a) **OBSERVING PARTY: CANADA**
 - (b) **OBSERVING PARTY:**
- (2) **OBSERVED STATES PARTIES**
 - (a) **OBSERVED PARTY: RUSSIAN FEDERATION**
 - (i) **OBSERVATION FLIGHT REFERENCE NUMBER: OS13-140/OS13-076**
- (3) **DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 031228ZJUN13**
- (4) **TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT**
- (5) **TYPE AND MODEL OF OBSERVATION AIRCRAFT: C130-J**

B. **ITINERARY**

- (1) **FLIGHT SEGMENT NUMBER: 1**
 - (a) **DEPARTURE AIRFIELD:**
 - (i) **ICAO DESIGNATOR: UUMB**
 - (ii) **GEOGRAPHIC CO-ORDINATES:
553641N, 0363852E**
 - (b) **DATE AND TIME OF TAKEOFF: 050550ZJUN13**
 - (c) **LEGS OF THIS SEGMENT:**
 - 1, **552633N0362335E**
 - 2, **550944N0364044E**
 - 3, **553618N0381543E**
 - 4, **553724N0380004E**
 - 5, **555554N0380338E**

6, 561331N0375224E
7, 561805N0383423E
8, 564102N0401731E
9, 565108N0413111E
10, 565037N0401842E
11, 570742N0402420E
12, 591612N0390341E
13, 601619N0375019E
14, 610046N0383419E
15, 612649N0383302E
16, 621517N0392941E
17, 624353N0401544E
18, 625632N0405814E
19, 630225N0405048E
20, 625114N0402520E
21, 630130N0403335E
22, 634401N0400733E
23, 643830N0404342E
24, 643134N0394138E
25, 643937N0395737E
26, 671737N0324353E
27, 675557N0325350E
28, 680906N0332812E

(d) LANDING AIRFIELD:

- (i) ICAO DESIGNATOR: **XLMO**
- (ii) GEOGRAPHIC CO-ORDINATES:
680906N, 0332812E

(e) DATE AND TIME OF LANDING: **051125ZJUN13**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD:

- (i) ICAO DESIGNATOR: **XLMO**
- (ii) GEOGRAPHIC CO-ORDINATES:
680906N, 0332812E

(b) DATE AND TIME OF TAKEOFF: **060740ZJUN13**

(c) LEGS OF THIS SEGMENT:

1, 685510N0334335E
2, 690836N0333403E
3, 691940N0331956E
4, 685935N0332838E
5, 690348N0325510E
6, 684218N0324220E
7, 691306N0321820E
8, 692550N0325501E
9, 693001N0321121E
10, 692101N0323044E
11, 693718N0310720E
12, 692406N0313116E
13, 692624N0304709E
14, 691920N0311235E
15, 670844N0303305E
16, 663958N0300114E
17, 625225N0320038E

18, 611159N0300126E
19, 604855N0301815E
20, 602621N0293527E
21, 602749N0283426E
22, 601116N0290331E
23, 600943N0300252E
24, 602019N0303556E
25, 600514N0302741E
26, 600109N0305342E
27, 595847N0302655E
28, 594512N0302635E
29, 593727N0301333E
30, 594657N0300846E
31, 595810N0301822E
32, 600517N0301255E

(d) LANDING AIRFIELD:

(i) ICAO DESIGNATOR: ULLP

(ii) GEOGRAPHIC CO-ORDINATES:
594106N, 0302018E

(e) DATE AND TIME OF LANDING: 061241ZJUN13

(3) FLIGHT SEGMENT NUMBER: 3

(a) DEPARTURE AIRFIELD:

(i) ICAO DESIGNATOR: ULLP

(ii) GEOGRAPHIC CO-ORDINATES:
594106N, 0302018E

(b) DATE AND TIME OF TAKEOFF: 070548ZJUN13

(c) LEGS OF THIS SEGMENT:

1, 595638N0295425E
2, 600346N0293229E
3, 594532N0285231E
4, 592019N0291321E
5, 585800N0294216E
6, 582818N0295640E
7, 574310N0304827E
8, 573558N0324911E
9, 571247N0325701E
10, 565049N0334308E
11, 561822N0335838E
12, 561449N0342742E
13, 553534N0342301E
14, 540514N0342216E
15, 535702N0350314E
16, 540718N0354517E
17, 533848N0354748E
18, 544414N0360941E
19, 553257N0361618E
20, 553641N0363852E

(d) LANDING AIRFIELD:

(i) ICAO DESIGNATOR: UUMB

(ii) GEOGRAPHIC CO-ORDINATES:
553641N, 0363852E

(e) DATE AND TIME OF LANDING: **070903ZJUN13**

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: **5428KM**

D. OBSERVATION PERIODS

(1) SENSOR USED: **PG-OF__-L4F**

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	785 801	553631N0363835E 553410N0363501E	050558ZJUN13 050559ZJUN13	0C
1	2	1	1038 1095	552255N0362715E 551227N0363759E	050602ZJUN13 050605ZJUN13	0C
1	3	1	762 781	551957N0371633E 552034N0371842E	050612ZJUN13 050613ZJUN13	0C
1	3	2	808 839	553321N0380450E 553508N0381123E	050620ZJUN13 050622ZJUN13	1C
1	4	1	808 830	553655N0380610E 553714N0380102E	050624ZJUN13 050624ZJUN13	1C
1	5	1	787 798	555032N0380236E 555428N0380319E	050628ZJUN13 050629ZJUN13	1C
1	6	1	1034 1080	560341N0375837E 561025N0375419E	050632ZJUN13 050634ZJUN13	0C
1	7	1	999 1100	561500N0380531E 561638N0382035E	050636ZJUN13 050638ZJUN13	0C
1	9	1	790 811	564204N0402455E 564313N0403251E	050656ZJUN13 050657ZJUN13	0C
1	9	2	826 856	564936N0411941E 565035N0412634E	050704ZJUN13 050705ZJUN13	0C
1	10	1	784 839	565044N0403638E 565040N0402738E	050713ZJUN13 050714ZJUN13	0C
1	11	1	773 817	565401N0401948E 570259N0402242E	050716ZJUN13 050719ZJUN13	0C
1	12	1	857 870	573250N0400919E 573453N0400803E	050726ZJUN13 050727ZJUN13	0C
1	12	2	770 806	590920N0390813E 591319N0390534E	050751ZJUN13 050752ZJUN13	0C
1	14	1	818 835	602044N0375427E 602338N0375718E	050811ZJUN13 050812ZJUN13	0C
1	14	2	794 821	605512N0382835E 610146N0383414E	050821ZJUN13 050823ZJUN13	0C

1	15	1	843 867	611636N0383329E 612031N0383318E	050826ZJUN13 050827ZJUN13	0C
1	16	1	833 888	620233N0391424E 620544N0391811E	050839ZJUN13 050840ZJUN13	0C
1	18	1	861 889	624642N0402459E 624834N0403115E	050853ZJUN13 050853ZJUN13	1C
1	18	2	868 897	625242N0404509E 625515N0405347E	050855ZJUN13 050856ZJUN13	1C
1	20	1	876 944	625952N0404504E 625128N0402549E	050859ZJUN13 050902ZJUN13	1C
1	21	1	873 928	625506N0402827E 630011N0403231E	050908ZJUN13 050909ZJUN13	1C
1	22	1	986 1015	632517N0401911E 632911N0401648E	050915ZJUN13 050916ZJUN13	1C
1	23	1	973 1000	642521N0403445E 643707N0404246E	050931ZJUN13 050934ZJUN13	1C
1	25	1	994 1007	643318N0394457E 643753N0395407E	050945ZJUN13 050947ZJUN13	1C
1	27	1	801 908	672609N0324559E 673106N0324715E	051048ZJUN13 051049ZJUN13	1S
1	28	1	866 886	675816N0325947E 680017N0330500E	051056ZJUN13 051057ZJUN13	1B
1	28	2	856 893	680550N0331934E 680808N0332249E	051059ZJUN13 051059ZJUN13	1B
2	1	1	1021 1030	684912N0334127E 685313N0334254E	060757ZJUN13 060758ZJUN13	1O
2	2	1	1018 1031	685942N0334016E 690418N0333657E	060800ZJUN13 060801ZJUN13	1B
2	4	1	1024 1027	691656N0332102E 691035N0332348E	060809ZJUN13 060810ZJUN13	1B
2	4	2	1024 1027	690612N0332541E 690054N0332801E	060812ZJUN13 060813ZJUN13	1B
2	5	1	1020 1035	690142N0331130E 690258N0330126E	060815ZJUN13 060816ZJUN13	1B
2	6	1	1013 1031	685016N0324654E 684527N0324406E	060820ZJUN13 060821ZJUN13	1S
2	7	1	1029 1031	690414N0322521E 691119N0321943E	060827ZJUN13 060829ZJUN13	0C
2	8	1	1027 1034	692126N0324214E 692422N0325051E	060832ZJUN13 060833ZJUN13	0C
2	10	1	1024	692704N0321748E	060842ZJUN13	0C

			1033	692217N0322814E	060843ZJUN13	
2	12	1	1028 1044	693431N0311217E 692937N0312122E	060854ZJUN13 060855ZJUN13	0C
2	13	1	1030 1037	692515N0310906E 692552N0305721E	060858ZJUN13 060859ZJUN13	0C
2	14	1	1028 1039	692339N0305713E 692109N0310628E	060902ZJUN13 060903ZJUN13	0C
2	15	1	1323 1344	691630N0311130E 691315N0311016E	060904ZJUN13 060905ZJUN13	0C
2	16	1	1325 1336	665953N0302307E 664953N0301201E	060940ZJUN13 060943ZJUN13	0C
2	18	1	1012 1016	614602N0304009E 614253N0303629E	061104ZJUN13 061105ZJUN13	1S
2	19	1	1016 1020	610815N0300410E 610149N0300852E	061114ZJUN13 061116ZJUN13	1C
2	20	1	1014 1021	604420N0300926E 604137N0300414E	061121ZJUN13 061122ZJUN13	1C
2	20	2	1017 1022	603400N0294946E 603058N0294404E	061124ZJUN13 061126ZJUN13	1C
2	21	1	1015 1019	602730N0284921E 602741N0284113E	061133ZJUN13 061134ZJUN13	1C
2	23	1	1015 1025	601107N0291002E 600950N0295836E	061142ZJUN13 061148ZJUN13	1C
2	24	1	1006 1026	601305N0301322E 601458N0301845E	061151ZJUN13 061151ZJUN13	1C
2	25	1	1011 1019	601716N0303416E 600754N0302909E	061158ZJUN13 061200ZJUN13	1C
2	27	1	1008 1021	600039N0304800E 595918N0303242E	061208ZJUN13 061210ZJUN13	1S
2	28	1	970 974	595352N0302647E 594921N0302641E	061211ZJUN13 061213ZJUN13	1B
2	29	1	968 974	594233N0302207E 593940N0301717E	061214ZJUN13 061215ZJUN13	1B
2	31	1	966 975	595144N0301254E 595653N0301719E	061219ZJUN13 061221ZJUN13	1C
2	32	1	968 981	600202N0301523E 600517N0301250E	061222ZJUN13 061223ZJUN13	1C
3	2	1	930 954	595836N0294812E 600208N0293724E	070604ZJUN13 070606ZJUN13	1C
3	3	1	917 942	595937N0292322E 595823N0292040E	070608ZJUN13 070608ZJUN13	1C

3	3	2	950 956	595410N0291123E 595324N0290942E	070610ZJUN13 070610ZJUN13	1C
3	4	1	985 988	593321N0290243E 592944N0290541E	070616ZJUN13 070617ZJUN13	1C
3	6	1	979 988	584621N0294800E 583952N0295109E	070628ZJUN13 070630ZJUN13	1C
3	7	1	979 985	581037N0301717E 580622N0302211E	070638ZJUN13 070639ZJUN13	1C
3	8	1	965 987	574016N0314136E 573943N0315043E	070654ZJUN13 070655ZJUN13	0C
3	8	2	970 977	573738N0322427E 573708N0323208E	070659ZJUN13 070700ZJUN13	0C
3	10	1	1274 1300	570953N0330314E 570651N0330935E	070709ZJUN13 070710ZJUN13	0C
3	10	2	1277 1288	565631N0333121E 565334N0333729E	070714ZJUN13 070715ZJUN13	0C
3	12	1	964 977	561645N0341204E 561457N0342654E	070727ZJUN13 070729ZJUN13	1C
3	14	1	1284 1288	551301N0342249E 550724N0342246E	070744ZJUN13 070746ZJUN13	1C
3	14	2	1282 1294	541556N0342219E 541215N0342218E	070758ZJUN13 070759ZJUN13	0C
3	15	1	1282 1291	540006N0344759E 535912N0345224E	070805ZJUN13 070805ZJUN13	1C
3	16	1	975 989	535755N0350655E 535927N0351306E	070807ZJUN13 070808ZJUN13	1C
3	16	2	970 993	540211N0352417E 540543N0353846E	070810ZJUN13 070812ZJUN13	0C
3	17	1	962 1004	540631N0354526E 535528N0354621E	070817ZJUN13 070820ZJUN13	1C
3	17	2	962 999	534928N0354651E 534537N0354713E	070821ZJUN13 070822ZJUN13	1C
3	18	1	981 991	535224N0355216E 535620N0355332E	070827ZJUN13 070828ZJUN13	0C
3	18	2	971 1000	542559N0360328E 542953N0360447E	070836ZJUN13 070837ZJUN13	0C
3	20	1	971 981	553401N0362250E 553636N0363817E	070854ZJUN13 070856ZJUN13	0C

(2) SENSOR USED: PG-OF__-V4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
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1	1	1	785 801	553631N0363835E 553410N0363501E	050558ZJUN13 050559ZJUN13	0C
1	2	1	1038 1095	552255N0362715E 551227N0363759E	050602ZJUN13 050605ZJUN13	0C
1	3	1	762 781	551957N0371633E 552034N0371842E	050612ZJUN13 050613ZJUN13	0C
1	3	2	808 839	553321N0380450E 553508N0381123E	050620ZJUN13 050622ZJUN13	1C
1	4	1	808 830	553655N0380610E 553714N0380102E	050624ZJUN13 050624ZJUN13	1C
1	5	1	787 798	555032N0380236E 555428N0380319E	050628ZJUN13 050629ZJUN13	1C
1	6	1	1034 1080	560341N0375837E 561025N0375419E	050632ZJUN13 050634ZJUN13	0C
1	7	1	999 1100	561500N0380531E 561638N0382035E	050636ZJUN13 050638ZJUN13	0C
1	9	1	790 811	564204N0402455E 564313N0403251E	050656ZJUN13 050657ZJUN13	0C
1	9	2	826 856	564936N0411941E 565035N0412634E	050704ZJUN13 050705ZJUN13	0C
1	10	1	784 839	565044N0403638E 565040N0402738E	050713ZJUN13 050714ZJUN13	0C
1	11	1	773 817	565401N0401948E 570259N0402242E	050716ZJUN13 050719ZJUN13	0C
1	12	1	857 870	573250N0400919E 573453N0400803E	050726ZJUN13 050727ZJUN13	0C
1	12	2	770 806	590920N0390813E 591319N0390534E	050751ZJUN13 050752ZJUN13	0C
1	14	1	818 835	602044N0375427E 602338N0375718E	050811ZJUN13 050812ZJUN13	0C
1	14	2	794 821	605512N0382835E 610146N0383414E	050821ZJUN13 050823ZJUN13	0C
1	15	1	843 867	611636N0383329E 612031N0383318E	050826ZJUN13 050827ZJUN13	0C
1	16	1	833 888	620233N0391424E 620544N0391811E	050839ZJUN13 050840ZJUN13	0C
1	18	1	861 889	624642N0402459E 624834N0403115E	050853ZJUN13 050853ZJUN13	1C
1	18	2	868 897	625242N0404509E 625515N0405347E	050855ZJUN13 050856ZJUN13	1C
1	20	1	876	625952N0404504E	050859ZJUN13	1C

			944	625128N0402549E	050902ZJUN13	
1	21	1	873 928	625506N0402827E 630011N0403231E	050908ZJUN13 050909ZJUN13	1C
1	22	1	986 1015	632517N0401911E 632911N0401648E	050915ZJUN13 050916ZJUN13	1C
1	23	1	973 1000	642521N0403445E 643707N0404246E	050931ZJUN13 050934ZJUN13	1C
1	25	1	994 1007	643318N0394457E 643753N0395407E	050945ZJUN13 050947ZJUN13	1C
1	27	1	801 908	672609N0324559E 673106N0324715E	051048ZJUN13 051049ZJUN13	1S
1	28	1	866 886	675816N0325947E 680017N0330500E	051056ZJUN13 051057ZJUN13	1B
1	28	2	856 893	680550N0331934E 680808N0332249E	051059ZJUN13 051059ZJUN13	1B
2	1	1	1021 1030	684912N0334127E 685313N0334254E	060757ZJUN13 060758ZJUN13	1O
2	2	1	1018 1031	685942N0334016E 690418N0333657E	060800ZJUN13 060801ZJUN13	1B
2	4	1	1024 1027	691656N0332102E 691035N0332348E	060809ZJUN13 060810ZJUN13	1B
2	4	2	1024 1027	690612N0332541E 690054N0332801E	060812ZJUN13 060813ZJUN13	1B
2	5	1	1020 1035	690142N0331130E 690258N0330126E	060815ZJUN13 060816ZJUN13	1B
2	6	1	1013 1031	685016N0324654E 684527N0324406E	060820ZJUN13 060821ZJUN13	1S
2	7	1	1029 1031	690414N0322521E 691119N0321943E	060827ZJUN13 060829ZJUN13	0C
2	8	1	1027 1034	692126N0324214E 692422N0325051E	060832ZJUN13 060833ZJUN13	0C
2	10	1	1024 1033	692704N0321748E 692217N0322814E	060842ZJUN13 060843ZJUN13	0C
2	12	1	1028 1044	693431N0311217E 692937N0312122E	060854ZJUN13 060855ZJUN13	0C
2	13	1	1030 1037	692515N0310906E 692552N0305721E	060858ZJUN13 060859ZJUN13	0C
2	14	1	1028 1039	692339N0305713E 692109N0310628E	060902ZJUN13 060903ZJUN13	0C
2	15	1	1323 1344	691630N0311130E 691315N0311016E	060904ZJUN13 060905ZJUN13	0C

2	16	1	1325 1336	665953N0302307E 664953N0301201E	060940ZJUN13 060943ZJUN13	0C
2	18	1	1012 1016	614602N0304009E 614253N0303629E	061104ZJUN13 061105ZJUN13	1S
2	19	1	1016 1020	610815N0300410E 610149N0300852E	061114ZJUN13 061116ZJUN13	1C
2	20	1	1014 1021	604420N0300926E 604137N0300414E	061121ZJUN13 061122ZJUN13	1C
2	20	2	1017 1022	603400N0294946E 603058N0294404E	061124ZJUN13 061126ZJUN13	1C
2	21	1	1015 1019	602730N0284921E 602741N0284113E	061133ZJUN13 061134ZJUN13	1C
2	23	1	1015 1025	601107N0291002E 600950N0295836E	061142ZJUN13 061148ZJUN13	1C
2	24	1	1006 1026	601305N0301322E 601458N0301845E	061151ZJUN13 061151ZJUN13	1C
2	25	1	1011 1019	601716N0303416E 600754N0302909E	061158ZJUN13 061200ZJUN13	1C
2	27	1	1008 1021	600039N0304800E 595918N0303242E	061208ZJUN13 061210ZJUN13	1S
2	28	1	970 974	595352N0302647E 594921N0302641E	061211ZJUN13 061213ZJUN13	1B
2	29	1	968 974	594233N0302207E 593940N0301717E	061214ZJUN13 061215ZJUN13	1B
2	31	1	966 975	595144N0301254E 595653N0301719E	061219ZJUN13 061221ZJUN13	1C
2	32	1	968 981	600202N0301523E 600517N0301250E	061222ZJUN13 061223ZJUN13	1C
3	2	1	930 954	595836N0294812E 600208N0293724E	070604ZJUN13 070606ZJUN13	1C
3	3	1	917 942	595937N0292322E 595823N0292040E	070608ZJUN13 070608ZJUN13	1C
3	3	2	950 956	595410N0291123E 595324N0290942E	070610ZJUN13 070610ZJUN13	1C
3	4	1	985 988	593321N0290243E 592944N0290541E	070616ZJUN13 070617ZJUN13	1C
3	6	1	979 988	584621N0294800E 583952N0295109E	070628ZJUN13 070630ZJUN13	1C
3	7	1	979 985	581037N0301717E 580622N0302211E	070638ZJUN13 070639ZJUN13	1C
3	8	1	965 987	574016N0314136E 573943N0315043E	070654ZJUN13 070655ZJUN13	0C

3	8	2	970 977	573738N0322427E 573708N0323208E	070659ZJUN13 070700ZJUN13	0C
3	10	1	1274 1300	570953N0330314E 570651N0330935E	070709ZJUN13 070710ZJUN13	0C
3	10	2	1277 1288	565631N0333121E 565334N0333729E	070714ZJUN13 070715ZJUN13	0C
3	12	1	964 977	561645N0341204E 561457N0342654E	070727ZJUN13 070729ZJUN13	1C
3	14	1	1284 1288	551301N0342249E 550724N0342246E	070744ZJUN13 070746ZJUN13	1C
3	14	2	1282 1294	541556N0342219E 541215N0342218E	070758ZJUN13 070759ZJUN13	0C
3	15	1	1282 1291	540006N0344759E 535912N0345224E	070805ZJUN13 070805ZJUN13	1C
3	16	1	975 989	535755N0350655E 535927N0351306E	070807ZJUN13 070808ZJUN13	1C
3	16	2	970 993	540211N0352417E 540543N0353846E	070810ZJUN13 070812ZJUN13	0C
3	17	1	962 1004	540631N0354526E 535528N0354621E	070817ZJUN13 070820ZJUN13	1C
3	17	2	962 999	534928N0354651E 534537N0354713E	070821ZJUN13 070822ZJUN13	1C
3	18	1	981 991	535224N0355216E 535620N0355332E	070827ZJUN13 070828ZJUN13	0C
3	18	2	971 1000	542559N0360328E 542953N0360447E	070836ZJUN13 070837ZJUN13	0C
3	20	1	971 981	553401N0362250E 553636N0363817E	070854ZJUN13 070856ZJUN13	0C

(3) SENSOR USED: PG-OF__R4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	785 801	553631N0363835E 553410N0363501E	050558ZJUN13 050559ZJUN13	0C
1	2	1	1038 1095	552255N0362715E 551227N0363759E	050602ZJUN13 050605ZJUN13	0C
1	3	1	762 781	551957N0371633E 552034N0371842E	050612ZJUN13 050613ZJUN13	0C
1	3	2	808 839	553321N0380450E 553508N0381123E	050620ZJUN13 050622ZJUN13	1C
1	4	1	808	553655N0380610E	050624ZJUN13	1C

			830	553714N0380102E	050624ZJUN13	
1	5	1	787	555032N0380236E	050628ZJUN13	1C
			798	555428N0380319E	050629ZJUN13	
1	6	1	1034	560341N0375837E	050632ZJUN13	0C
			1080	561025N0375419E	050634ZJUN13	
1	7	1	999	561500N0380531E	050636ZJUN13	0C
			1100	561638N0382035E	050638ZJUN13	
1	9	1	790	564204N0402455E	050656ZJUN13	0C
			811	564313N0403251E	050657ZJUN13	
1	9	2	826	564936N0411941E	050704ZJUN13	0C
			856	565035N0412634E	050705ZJUN13	
1	10	1	784	565044N0403638E	050713ZJUN13	0C
			839	565040N0402738E	050714ZJUN13	
1	11	1	773	565401N0401948E	050716ZJUN13	0C
			817	570259N0402242E	050719ZJUN13	
1	12	1	857	573250N0400919E	050726ZJUN13	0C
			870	573453N0400803E	050727ZJUN13	
1	12	2	770	590920N0390813E	050751ZJUN13	0C
			806	591319N0390534E	050752ZJUN13	
1	14	1	818	602044N0375427E	050811ZJUN13	0C
			835	602338N0375718E	050812ZJUN13	
1	14	2	794	605512N0382835E	050821ZJUN13	0C
			821	610146N0383414E	050823ZJUN13	
1	15	1	843	611636N0383329E	050826ZJUN13	0C
			867	612031N0383318E	050827ZJUN13	
1	16	1	833	620233N0391424E	050839ZJUN13	0C
			888	620544N0391811E	050840ZJUN13	
1	18	1	861	624642N0402459E	050853ZJUN13	1C
			889	624834N0403115E	050853ZJUN13	
1	18	2	868	625242N0404509E	050855ZJUN13	1C
			897	625515N0405347E	050856ZJUN13	
1	20	1	876	625952N0404504E	050859ZJUN13	1C
			944	625128N0402549E	050902ZJUN13	
1	21	1	873	625506N0402827E	050908ZJUN13	1C
			928	630011N0403231E	050909ZJUN13	
1	22	1	986	632517N0401911E	050915ZJUN13	1C
			1015	632911N0401648E	050916ZJUN13	
1	23	1	973	642521N0403445E	050931ZJUN13	1C
			1000	643707N0404246E	050934ZJUN13	
1	25	1	994	643318N0394457E	050945ZJUN13	1C
			1007	643753N0395407E	050947ZJUN13	

1	27	1	801 908	672609N0324559E 673106N0324715E	051048ZJUN13 051049ZJUN13	1S
1	28	1	866 886	675816N0325947E 680017N0330500E	051056ZJUN13 051057ZJUN13	1B
1	28	2	856 893	680550N0331934E 680808N0332249E	051059ZJUN13 051059ZJUN13	1B
2	1	1	1021 1030	684912N0334127E 685313N0334254E	060757ZJUN13 060758ZJUN13	1O
2	2	1	1018 1031	685942N0334016E 690418N0333657E	060800ZJUN13 060801ZJUN13	1B
2	4	1	1024 1027	691656N0332102E 691035N0332348E	060809ZJUN13 060810ZJUN13	1B
2	4	2	1024 1027	690612N0332541E 690054N0332801E	060812ZJUN13 060813ZJUN13	1B
2	5	1	1020 1035	690142N0331130E 690258N0330126E	060815ZJUN13 060816ZJUN13	1B
2	6	1	1013 1031	685016N0324654E 684527N0324406E	060820ZJUN13 060821ZJUN13	1S
2	7	1	1029 1031	690414N0322521E 691119N0321943E	060827ZJUN13 060829ZJUN13	0C
2	8	1	1027 1034	692126N0324214E 692422N0325051E	060832ZJUN13 060833ZJUN13	0C
2	10	1	1024 1033	692704N0321748E 692217N0322814E	060842ZJUN13 060843ZJUN13	0C
2	12	1	1028 1044	693431N0311217E 692937N0312122E	060854ZJUN13 060855ZJUN13	0C
2	13	1	1030 1037	692515N0310906E 692552N0305721E	060858ZJUN13 060859ZJUN13	0C
2	14	1	1028 1039	692339N0305713E 692109N0310628E	060902ZJUN13 060903ZJUN13	0C
2	15	1	1323 1344	691630N0311130E 691315N0311016E	060904ZJUN13 060905ZJUN13	0C
2	16	1	1325 1336	665953N0302307E 664953N0301201E	060940ZJUN13 060943ZJUN13	0C
2	18	1	1012 1016	614602N0304009E 614253N0303629E	061104ZJUN13 061105ZJUN13	1S
2	19	1	1016 1020	610815N0300410E 610149N0300852E	061114ZJUN13 061116ZJUN13	1C
2	20	1	1014 1021	604420N0300926E 604137N0300414E	061121ZJUN13 061122ZJUN13	1C
2	20	2	1017 1022	603400N0294946E 603058N0294404E	061124ZJUN13 061126ZJUN13	1C

2	21	1	1015 1019	602730N0284921E 602741N0284113E	061133ZJUN13 061134ZJUN13	1C
2	23	1	1015 1025	601107N0291002E 600950N0295836E	061142ZJUN13 061148ZJUN13	1C
2	24	1	1006 1026	601305N0301322E 601458N0301845E	061151ZJUN13 061151ZJUN13	1C
2	25	1	1011 1019	601716N0303416E 600754N0302909E	061158ZJUN13 061200ZJUN13	1C
2	27	1	1008 1021	600039N0304800E 595918N0303242E	061208ZJUN13 061210ZJUN13	1S
2	28	1	970 974	595352N0302647E 594921N0302641E	061211ZJUN13 061213ZJUN13	1B
2	29	1	968 974	594233N0302207E 593940N0301717E	061214ZJUN13 061215ZJUN13	1B
2	31	1	966 975	595144N0301254E 595653N0301719E	061219ZJUN13 061221ZJUN13	1C
2	32	1	968 981	600202N0301523E 600517N0301250E	061222ZJUN13 061223ZJUN13	1C
3	2	1	930 954	595836N0294812E 600208N0293724E	070604ZJUN13 070606ZJUN13	1C
3	3	1	917 942	595937N0292322E 595823N0292040E	070608ZJUN13 070608ZJUN13	1C
3	3	2	950 956	595410N0291123E 595324N0290942E	070610ZJUN13 070610ZJUN13	1C
3	4	1	985 988	593321N0290243E 592944N0290541E	070616ZJUN13 070617ZJUN13	1C
3	6	1	979 988	584621N0294800E 583952N0295109E	070628ZJUN13 070630ZJUN13	1C
3	7	1	979 985	581037N0301717E 580622N0302211E	070638ZJUN13 070639ZJUN13	1C
3	8	1	965 987	574016N0314136E 573943N0315043E	070654ZJUN13 070655ZJUN13	0C
3	8	2	970 977	573738N0322427E 573708N0323208E	070659ZJUN13 070700ZJUN13	0C
3	10	1	1274 1300	570953N0330314E 570651N0330935E	070709ZJUN13 070710ZJUN13	0C
3	10	2	1277 1288	565631N0333121E 565334N0333729E	070714ZJUN13 070715ZJUN13	0C
3	12	1	964 977	561645N0341204E 561457N0342654E	070727ZJUN13 070729ZJUN13	1C
3	14	1	1284	551301N0342249E	070744ZJUN13	1C

			1288	550724N0342246E	070746ZJUN13	
3	14	2	1282 1294	541556N0342219E 541215N0342218E	070758ZJUN13 070759ZJUN13	0C
3	15	1	1282 1291	540006N0344759E 535912N0345224E	070805ZJUN13 070805ZJUN13	1C
3	16	1	975 989	535755N0350655E 535927N0351306E	070807ZJUN13 070808ZJUN13	1C
3	16	2	970 993	540211N0352417E 540543N0353846E	070810ZJUN13 070812ZJUN13	0C
3	17	1	962 1004	540631N0354526E 535528N0354621E	070817ZJUN13 070820ZJUN13	1C
3	17	2	962 999	534928N0354651E 534537N0354713E	070821ZJUN13 070822ZJUN13	1C
3	18	1	981 991	535224N0355216E 535620N0355332E	070827ZJUN13 070828ZJUN13	0C
3	18	2	971 1000	542559N0360328E 542953N0360447E	070836ZJUN13 070837ZJUN13	0C
3	20	1	971 981	553401N0362250E 553636N0363817E	070854ZJUN13 070856ZJUN13	0C

(4) SENSOR USED: PG-OP__-P4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	18	1	880 890	624745N0402830E 624834N0403114E	050853ZJUN13 050853ZJUN13	1C
1	18	2	868 901	625234N0404442E 625522N0405412E	050855ZJUN13 050856ZJUN13	1C
1	20	1	875 944	625954N0404508E 625124N0402540E	050859ZJUN13 050902ZJUN13	1C
1	21	1	873 930	625458N0402821E 630008N0403229E	050908ZJUN13 050909ZJUN13	1C
1	25	1	992 1007	643312N0394447E 643800N0395421E	050945ZJUN13 050947ZJUN13	1C
2	5	1	1020 1028	690142N0331130E 690311N0325942E	060815ZJUN13 060816ZJUN13	1B
2	12	1	1028 1030	693431N0311217E 692856N0312236E	060854ZJUN13 060855ZJUN13	0C
2	13	1	1030 1036	692515N0310906E 692602N0305637E	060858ZJUN13 060859ZJUN13	0C
3	2	1	930 954	595836N0294812E 600208N0293724E	070604ZJUN13 070606ZJUN13	1C

s.15(1)

s.19(1)

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE:
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

PREFLIGHT-INSPECTION: OK
FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **LCOL P. BEAUCHAMP /**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **071547ZJUN13**

6. REMARKS:

1. SEGMENT 2 TAKE-OFF WAS DELAYED 1 HOUR 50 MINUTES DUE TO THE BASE COMMANDER AT LEVASHOVO (XLLV) CLOSING THE AIRFIELD DUE TO FORECAST WEATHER AND UNIDIRECTIONAL LANDING RESTRICTIONS ON VISITING AIRCRAFT. SEGMENT 2 ENDED OVERHEAD LEVASHOVO AS PLANNED AND THEN LANDED AT PUSHKIN AIRFIELD (ULLP).

2. ON SEGMENT 2, AT POINT 23 ATC DIRECTED AN IMMEDIATE 30 DEGREE RIGHT TURN AWAY FROM OUR APPROVED ROUTING. THIS RESULTED IN THE OBSERVING PARTIES MISSING THE PLANNED IMAGING START POINT.

3. SEGMENT 3 DEPARTURE OCCURRED FROM PUSHKIN AIRFIELD (ULLP) INSTEAD OF THE AGREED UPON OPEN SKIES REFUELING AIRFIELD OF LEVASHOVO (XLLV). AIRCRAFT TRANSITTED TO LEVASHOVO TO BEGIN SEGMENT 3 AS PLANNED.

4. CANADA AND
FOR THEIR HOSPITALITY.

WOULD LIKE TO THANK THE RUSSIAN FEDERATION

7. END OF OS MESSAGE NUMBER: **OS/CA/13/0039/F14/O**

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO: RUSSIAN FEDERATION

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/12/0059/F14/O**
2. OS MESSAGE DATE AND TIME: **031750Z OCT 12**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: **OS/CA/12/0047/F12/O**
5. CONTENT
 - A. OBSERVATION FLIGHT
 - (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
 - (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **OS12142**
 - (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **241245Z SEP 12**
 - (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
 - (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **C-130H**
 - B. ITINERARY
 - (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: **KUBINKA**
 - (i) ICAO DESIGNATOR: **UUMB**
 - (ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: **260550Z SEP 12**
 - (c) LEGS OF THIS SEGMENT:
 - 1, **552838N0363943E**
 - 2, **545327N0371407E**
 - 3, **545650N0373521E**
 - 4, **524205N0391247E**
 - 5, **523310N0395014E**
 - 6, **512358N0415519E**
 - 7, **512150N0421359E**

8, 495605N0432201E
9, 485828N0445705E
10, 484509N0444527E
11, 471828N0471613E
12, 472555N0480428E
13, 462235N0475316E
14, 462448N0480436E
15, 461453N0475658E
16, 464050N0434601E
17, 471642N0393812E

(d) LANDING AIRFIELD: **ROSTOV**

(i) ICAO DESIGNATOR: **XRRO**

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(e) DATE AND TIME OF LANDING: **261103ZSEP12**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **ROSTOV**

(i) ICAO DESIGNATOR: **XRRO**

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(b) DATE AND TIME OF TAKEOFF: **270550ZSEP12**

(c) LEGS OF THIS SEGMENT:

1, 464815N0402445E
2, 463225N0403701E
3, 451850N0414507E
4, 450145N0415135E
5, 450717N0420948E
6, 445710N0435704E
7, 444553N0440321E
8, 445503N0442941E
9, 444655N0441422E
10, 441435N0434208E
11, 440757N0432650E
12, 444407N0414352E
13, 444927N0410653E
14, 450236N0411452E
15, 445319N0405432E
16, 443822N0404117E
17, 443815N0401819E
18, 443053N0395749E
19, 444654N0390406E
20, 444808N0391635E
21, 450031N0391440E
22, 450632N0385335E
23, 445711N0375136E
24, 443807N0374537E
25, 445532N0371626E
26, 450713N0364318E
27, 452644N0364520E
28, 452317N0371658E
29, 451228N0373225E
30, 451501N0375853E

31, 452810N0393551E
32, 461816N0381957E
33, 463358N0380156E
34, 464833N0382442E
35, 472325N0384650E
36, 470759N0385244E
37, 471853N0390042E
38, 471642N0393812E

(d) LANDING AIRFIELD: **ROSTOV**

(i) ICAO DESIGNATOR: **XRRO**

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(e) DATE AND TIME OF LANDING: **271049ZSEP12**

(3) FLIGHT SEGMENT NUMBER: **3**

(a) DEPARTURE AIRFIELD: **ROSTOV**

(i) ICAO DESIGNATOR: **XRRO**

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(b) DATE AND TIME OF TAKEOFF: **280550ZSEP12**

(c) LEGS OF THIS SEGMENT:

1, 472505N0395734E
2, 473806N0401133E
3, 481108N0401032E
4, 482003N0401622E
5, 490049N0401750E
6, 495842N0403004E
7, 500808N0400327E
8, 504822N0390555E
9, 505619N0390219E
10, 513852N0362734E
11, 514725N0360740E
12, 525212N0355556E
13, 530111N0360504E
14, 541300N0354111E
15, 543436N0361650E
16, 550817N0364139E
17, 552206N0362749E
18, 553642N0363900E

(d) LANDING AIRFIELD: **KUBINKA**

(i) ICAO DESIGNATOR: **UUMB**

(ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E

(e) DATE AND TIME OF LANDING: **280841ZSEP12**

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: **5292 KM**

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__-L4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	1218 1255	553703N0363859E 553334N0363921E	260557ZSEP12 260558ZSEP12	0C
1	2	1	1230 1234	552637N0364156E 552108N0364711E	260559ZSEP12 260601ZSEP12	0C
1	2	2	1233 1235	550546N0370213E 550354N0370402E	260605ZSEP12 260606ZSEP12	0C
1	3	1	1231 1235	545427N0372013E 545600N0372953E	260609ZSEP12 260611ZSEP12	0C
1	4	1	1233 1236	540842N0381129E 535735N0381937E	260625ZSEP12 260628ZSEP12	1B
1	5	1	1246 1249	523949N0392225E 523424N0394507E	260651ZSEP12 260655ZSEP12	1S
1	7	1	1256 1259	512337N0415827E 512159N0421246E	260722ZSEP12 260724ZSEP12	0C
1	8	1	959 960	500655N0431341E 500408N0431550E	260745ZSEP12 260746ZSEP12	0C
1	9	1	958 961	494824N0433504E 494413N0434207E	260751ZSEP12 260752ZSEP12	0C
1	10	1	956 967	485338N0445251E 484527N0444544E	260810ZSEP12 260812ZSEP12	1C
1	11	1	957 962	475236N0461829E 475114N0462051E	260832ZSEP12 260833ZSEP12	0C
1	12	1	944 964	471913N0472059E 472547N0480335E	260845ZSEP12 260853ZSEP12	0C
1	13	1	950 957	472531N0480424E 472246N0480354E	260857ZSEP12 260858ZSEP12	0C
1	13	2	951 959	471338N0480215E 471233N0480204E	260900ZSEP12 260900ZSEP12	0C
1	13	3	957 964	462729N0475407E 462241N0475318E	260911ZSEP12 260913ZSEP12	1S
1	14	1	957 962	462250N0475422E 462441N0480347E	260916ZSEP12 260918ZSEP12	1S
1	15	1	956 963	462437N0480429E 461543N0475737E	260924ZSEP12 260926ZSEP12	1S
1	16	1	966 978	464010N0435334E 464039N0434758E	261008ZSEP12 261009ZSEP12	1S
1	17	1	949 962	471433N0395503E 471601N0394329E	261050ZSEP12 261052ZSEP12	1C

2	1	1	997 999	471503N0394058E 471227N0394516E	270600ZSEP12 270601ZSEP12	1C
2	1	2	998 999	465245N0401728E 464910N0402317E	270608ZSEP12 270609ZSEP12	1C
2	2	1	998 999	463635N0403349E 463322N0403618E	270613ZSEP12 270614ZSEP12	0C
2	3	1	1314 1316	452322N0414101E 452011N0414353E	270634ZSEP12 270635ZSEP12	1C
2	5	1	1632 1636	450306N0415558E 450649N0420813E	270640ZSEP12 270642ZSEP12	1C
2	6	1	1314 1315	445751N0435020E 445722N0435503E	270701ZSEP12 270702ZSEP12	1B
2	7	1	1319 1338	445121N0440021E 444744N0440215E	270704ZSEP12 270705ZSEP12	1O
2	8	1	1309 1334	444739N0440838E 445453N0442906E	270706ZSEP12 270710ZSEP12	1O
2	10	1	1003 1007	444406N0441133E 441921N0434652E	270716ZSEP12 270722ZSEP12	1S
2	11	1	1318 1321	441000N0433135E 440815N0432734E	270725ZSEP12 270726ZSEP12	1C
2	12	1	1323 1326	441234N0431400E 441535N0430536E	270729ZSEP12 270731ZSEP12	0C
2	12	2	1325 1330	442741N0423123E 442910N0422710E	270737ZSEP12 270738ZSEP12	0C
2	12	3	1323 1328	443637N0420543E 444303N0414657E	270742ZSEP12 270746ZSEP12	1C
2	14	1	1318 1339	445248N0410859E 445805N0411207E	270753ZSEP12 270755ZSEP12	0C
2	15	1	1320 1332	450036N0411029E 445439N0405729E	270757ZSEP12 270800ZSEP12	0C
2	16	1	1307 1310	444257N0404521E 443900N0404152E	270804ZSEP12 270805ZSEP12	0C
2	17	1	1305 1307	443816N0402511E 443814N0401956E	270808ZSEP12 270809ZSEP12	0C
2	18	1	1303 1307	443548N0401133E 443110N0395841E	270811ZSEP12 270813ZSEP12	0C
2	19	1	1301 1305	444512N0390952E 444613N0390623E	270823ZSEP12 270823ZSEP12	0C
2	20	1	985 998	444730N0391005E 444758N0391458E	270829ZSEP12 270830ZSEP12	0C
2	22	1	984	450146N0391006E	270834ZSEP12	0C

			989	450600N0385524E	270837ZSEP12	
2	23	1	982 997	445906N0380406E 445752N0375607E	270846ZSEP12 270848ZSEP12	1C
2	24	1	1327 1357	444253N0374709E 443909N0374556E	270852ZSEP12 270853ZSEP12	1S
2	25	1	1320 1325	445203N0372215E 445427N0371813E	270859ZSEP12 270900ZSEP12	0C
2	26	1	1004 1008	450530N0364803E 450657N0364356E	270906ZSEP12 270906ZSEP12	0C
2	27	1	976 1020	451138N0364340E 451405N0364403E	270908ZSEP12 270908ZSEP12	0C
2	29	1	1001 1006	452127N0371935E 451301N0373137E	270917ZSEP12 270920ZSEP12	1S
2	31	1	997 1006	451547N0380408E 451651N0381141E	270926ZSEP12 270927ZSEP12	1S
2	31	2	978 992	452614N0392051E 452727N0393010E	270939ZSEP12 270941ZSEP12	1C
2	32	1	1000 1005	461130N0383024E 461555N0382333E	270958ZSEP12 270959ZSEP12	0C
2	34	1	993 1002	463830N0380857E 464506N0381917E	271007ZSEP12 271009ZSEP12	1C
2	36	1	998 1006	471834N0384840E 470953N0385200E	271021ZSEP12 271023ZSEP12	0C
2	37	1	1002 1005	471132N0385516E 471738N0385945E	271029ZSEP12 271030ZSEP12	1O
2	38	1	993 1007	471720N0392736E 471643N0393801E	271035ZSEP12 271037ZSEP12	1C
3	1	1	1031 1032	471616N0393715E 471836N0394234E	280558ZSEP12 280559ZSEP12	0C
3	2	1	1031 1033	473039N0400330E 473615N0400932E	280604ZSEP12 280605ZSEP12	0C
3	4	1	1032 1037	481353N0401219E 481928N0401559E	280615ZSEP12 280617ZSEP12	0C
3	5	1	1032 1034	485443N0401735E 485920N0401745E	280626ZSEP12 280627ZSEP12	0C
3	6	1	1033 1035	495428N0402908E 495748N0402951E	280641ZSEP12 280642ZSEP12	0C
3	7	1	1028 1034	500529N0401056E 500756N0400359E	280646ZSEP12 280647ZSEP12	0C
3	9	1	1337 1338	504956N0390513E 505506N0390252E	280701ZSEP12 280702ZSEP12	0C

3	11	1	1308 1313	514101N0362233E 514642N0360918E	280729ZSEP12 280732ZSEP12	OC
3	13	1	1287 1294	525444N0355829E 525956N0360346E	280749ZSEP12 280751ZSEP12	OC
3	14	1	1267 1278	534641N0355005E 541206N0354129E	280803ZSEP12 280809ZSEP12	OC
3	15	1	1265 1272	542538N0360156E 543409N0361603E	280814ZSEP12 280817ZSEP12	1C
3	17	1	1252 1261	551033N0363922E 552131N0362825E	280826ZSEP12 280829ZSEP12	1C
3	18	1	1247 1253	553438N0363726E 553613N0363839E	280833ZSEP12 280833ZSEP12	1C

(2) SENSOR USED: PG-OF__V4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	1218 1255	553703N0363859E 553334N0363921E	260557ZSEP12 260558ZSEP12	OC
1	2	1	1230 1234	552637N0364156E 552108N0364711E	260559ZSEP12 260601ZSEP12	OC
1	2	2	1233 1235	550546N0370213E 550354N0370402E	260605ZSEP12 260606ZSEP12	OC
1	3	1	1231 1235	545427N0372013E 545600N0372953E	260609ZSEP12 260611ZSEP12	OC
1	4	1	1233 1236	540842N0381129E 535735N0381937E	260625ZSEP12 260628ZSEP12	1B
1	5	1	1246 1249	523949N0392225E 523424N0394507E	260651ZSEP12 260655ZSEP12	1S
1	7	1	1256 1259	512337N0415827E 512159N0421246E	260722ZSEP12 260724ZSEP12	OC
1	8	1	959 960	500655N0431341E 500408N0431550E	260745ZSEP12 260746ZSEP12	OC
1	9	1	958 961	494824N0433504E 494413N0434207E	260751ZSEP12 260752ZSEP12	OC
1	10	1	956 967	485338N0445251E 484527N0444544E	260810ZSEP12 260812ZSEP12	1C
1	11	1	957 962	475236N0461829E 475114N0462051E	260832ZSEP12 260833ZSEP12	OC
1	12	1	944 964	471913N0472059E 472547N0480335E	260845ZSEP12 260853ZSEP12	OC
1	13	1	950 957	472531N0480424E 472246N0480354E	260857ZSEP12 260858ZSEP12	OC

1	13	2	951 959	471338N0480215E 471233N0480204E	260900ZSEP12 260900ZSEP12	OC
1	13	3	957 964	462729N0475407E 462241N0475318E	260911ZSEP12 260913ZSEP12	1S
1	14	1	957 962	462250N0475422E 462441N0480347E	260916ZSEP12 260918ZSEP12	1S
1	15	1	956 963	462437N0480429E 461543N0475737E	260924ZSEP12 260926ZSEP12	1S
1	16	1	966 978	464010N0435334E 464039N0434758E	261008ZSEP12 261009ZSEP12	1S
1	17	1	949 962	471433N0395503E 471601N0394329E	261050ZSEP12 261052ZSEP12	1C
2	1	1	997 999	471503N0394058E 471227N0394516E	270600ZSEP12 270601ZSEP12	1C
2	1	2	998 999	465245N0401728E 464910N0402317E	270608ZSEP12 270609ZSEP12	1C
2	2	1	998 999	463635N0403349E 463322N0403618E	270613ZSEP12 270614ZSEP12	OC
2	3	1	1314 1316	452322N0414101E 452011N0414353E	270634ZSEP12 270635ZSEP12	1C
2	5	1	1632 1636	450306N0415558E 450649N0420813E	270640ZSEP12 270642ZSEP12	1C
2	6	1	1314 1315	445751N0435020E 445722N0435503E	270701ZSEP12 270702ZSEP12	1B
2	7	1	1319 1338	445121N0440021E 444744N0440215E	270704ZSEP12 270705ZSEP12	1O
2	8	1	1309 1334	444739N0440838E 445453N0442906E	270706ZSEP12 270710ZSEP12	1O
2	10	1	1003 1007	444406N0441133E 441921N0434652E	270716ZSEP12 270722ZSEP12	1S
2	11	1	1318 1321	441000N0433135E 440815N0432734E	270725ZSEP12 270726ZSEP12	1C
2	12	1	1323 1326	441234N0431400E 441535N0430536E	270729ZSEP12 270731ZSEP12	OC
2	12	2	1325 1330	442741N0423123E 442910N0422710E	270737ZSEP12 270738ZSEP12	OC
2	12	3	1323 1328	443637N0420543E 444303N0414657E	270742ZSEP12 270746ZSEP12	1C
2	14	1	1318 1339	445248N0410859E 445805N0411207E	270753ZSEP12 270755ZSEP12	OC
2	15	1	1320	450036N0411029E	270757ZSEP12	OC

			1332	445439N0405729E	270800ZSEP12	
2	16	1	1307 1310	444257N0404521E 443900N0404152E	270804ZSEP12 270805ZSEP12	0C
2	17	1	1305 1307	443816N0402511E 443814N0401956E	270808ZSEP12 270809ZSEP12	0C
2	18	1	1303 1307	443548N0401133E 443110N0395841E	270811ZSEP12 270813ZSEP12	0C
2	19	1	1301 1305	444512N0390952E 444613N0390623E	270823ZSEP12 270823ZSEP12	0C
2	20	1	985 998	444730N0391005E 444758N0391458E	270829ZSEP12 270830ZSEP12	0C
2	22	1	984 989	450146N0391006E 450600N0385524E	270834ZSEP12 270837ZSEP12	0C
2	23	1	982 997	445906N0380406E 445752N0375607E	270846ZSEP12 270848ZSEP12	1C
2	24	1	1327 1357	444253N0374709E 443909N0374556E	270852ZSEP12 270853ZSEP12	1S
2	25	1	1320 1325	445203N0372215E 445427N0371813E	270859ZSEP12 270900ZSEP12	0C
2	26	1	1004 1008	450530N0364803E 450657N0364356E	270906ZSEP12 270906ZSEP12	0C
2	27	1	976 1020	451138N0364340E 451405N0364403E	270908ZSEP12 270908ZSEP12	0C
2	29	1	1001 1006	452127N0371935E 451301N0373137E	270917ZSEP12 270920ZSEP12	1S
2	31	1	997 1006	451547N0380408E 451651N0381141E	270926ZSEP12 270927ZSEP12	1S
2	31	2	978 992	452614N0392051E 452727N0393010E	270939ZSEP12 270941ZSEP12	1C
2	32	1	1000 1005	461130N0383024E 461555N0382333E	270958ZSEP12 270959ZSEP12	0C
2	34	1	993 1002	463830N0380857E 464506N0381917E	271007ZSEP12 271009ZSEP12	1C
2	36	1	998 1006	471834N0384840E 470953N0385200E	271021ZSEP12 271023ZSEP12	0C
2	37	1	1002 1005	471132N0385516E 471738N0385945E	271029ZSEP12 271030ZSEP12	1O
2	38	1	993 1007	471720N0392736E 471643N0393801E	271035ZSEP12 271037ZSEP12	1C
3	1	1	1031 1032	471616N0393715E 471836N0394234E	280558ZSEP12 280559ZSEP12	0C

3	2	1	1031 1033	473039N0400330E 473615N0400932E	280604ZSEP12 280605ZSEP12	OC
3	4	1	1032 1037	481353N0401219E 481928N0401559E	280615ZSEP12 280617ZSEP12	OC
3	5	1	1032 1034	485443N0401735E 485920N0401745E	280626ZSEP12 280627ZSEP12	OC
3	6	1	1033 1035	495428N0402908E 495748N0402951E	280641ZSEP12 280642ZSEP12	OC
3	7	1	1028 1034	500529N0401056E 500756N0400359E	280646ZSEP12 280647ZSEP12	OC
3	9	1	1337 1338	504956N0390513E 505506N0390252E	280701ZSEP12 280702ZSEP12	OC
3	11	1	1308 1313	514101N0362233E 514642N0360918E	280729ZSEP12 280732ZSEP12	OC
3	13	1	1287 1294	525444N0355829E 525956N0360346E	280749ZSEP12 280751ZSEP12	OC
3	14	1	1267 1278	534641N0355005E 541206N0354129E	280803ZSEP12 280809ZSEP12	OC
3	15	1	1265 1272	542538N0360156E 543409N0361603E	280814ZSEP12 280817ZSEP12	1C
3	17	1	1252 1261	551033N0363922E 552131N0362825E	280826ZSEP12 280829ZSEP12	1C
3	18	1	1247 1253	553438N0363726E 553613N0363839E	280833ZSEP12 280833ZSEP12	1C

(3) SENSOR USED: PG-OF__R4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	1218 1255	553703N0363859E 553334N0363921E	260557ZSEP12 260558ZSEP12	OC
1	2	1	1230 1234	552637N0364156E 552108N0364711E	260559ZSEP12 260601ZSEP12	OC
1	2	2	1233 1235	550546N0370213E 550354N0370402E	260605ZSEP12 260606ZSEP12	OC
1	3	1	1231 1235	545427N0372013E 545600N0372953E	260609ZSEP12 260611ZSEP12	OC
1	4	1	1233 1236	540842N0381129E 535735N0381937E	260625ZSEP12 260628ZSEP12	1B
1	5	1	1246 1249	523949N0392225E 523424N0394507E	260651ZSEP12 260655ZSEP12	1S
1	7	1	1256 1259	512337N0415827E 512159N0421246E	260722ZSEP12 260724ZSEP12	OC

1	8	1	959 960	500655N0431341E 500408N0431550E	260745ZSEP12 260746ZSEP12	0C
1	9	1	958 961	494824N0433504E 494413N0434207E	260751ZSEP12 260752ZSEP12	0C
1	10	1	956 967	485338N0445251E 484527N0444544E	260810ZSEP12 260812ZSEP12	1C
1	11	1	957 962	475236N0461829E 475114N0462051E	260832ZSEP12 260833ZSEP12	0C
1	12	1	944 964	471913N0472059E 472547N0480335E	260845ZSEP12 260853ZSEP12	0C
1	13	1	950 957	472531N0480424E 472246N0480354E	260857ZSEP12 260858ZSEP12	0C
1	13	2	951 959	471338N0480215E 471233N0480204E	260900ZSEP12 260900ZSEP12	0C
1	13	3	957 964	462729N0475407E 462241N0475318E	260911ZSEP12 260913ZSEP12	1S
1	14	1	957 962	462250N0475422E 462441N0480347E	260916ZSEP12 260918ZSEP12	1S
1	15	1	956 963	462437N0480429E 461543N0475737E	260924ZSEP12 260926ZSEP12	1S
1	16	1	966 978	464010N0435334E 464039N0434758E	261008ZSEP12 261009ZSEP12	1S
1	17	1	949 962	471433N0395503E 471601N0394329E	261050ZSEP12 261052ZSEP12	1C
2	1	1	997 999	471503N0394058E 471227N0394516E	270600ZSEP12 270601ZSEP12	1C
2	1	2	998 999	465245N0401728E 464910N0402317E	270608ZSEP12 270609ZSEP12	1C
2	2	1	998 999	463635N0403349E 463322N0403618E	270613ZSEP12 270614ZSEP12	0C
2	3	1	1314 1316	452322N0414101E 452011N0414353E	270634ZSEP12 270635ZSEP12	1C
2	5	1	1632 1636	450306N0415558E 450649N0420813E	270640ZSEP12 270642ZSEP12	1C
2	6	1	1314 1315	445751N0435020E 445722N0435503E	270701ZSEP12 270702ZSEP12	1B
2	7	1	1319 1338	445121N0440021E 444744N0440215E	270704ZSEP12 270705ZSEP12	1O
2	8	1	1309 1334	444739N0440838E 445453N0442906E	270706ZSEP12 270710ZSEP12	1O
2	10	1	1003	444406N0441133E	270716ZSEP12	1S

			1007	441921N0434652E	270722ZSEP12	
2	11	1	1318 1321	441000N0433135E 440815N0432734E	270725ZSEP12 270726ZSEP12	1C
2	12	1	1323 1326	441234N0431400E 441535N0430536E	270729ZSEP12 270731ZSEP12	0C
2	12	2	1325 1330	442741N0423123E 442910N0422710E	270737ZSEP12 270738ZSEP12	0C
2	12	3	1323 1328	443637N0420543E 444303N0414657E	270742ZSEP12 270746ZSEP12	1C
2	14	1	1318 1339	445248N0410859E 445805N0411207E	270753ZSEP12 270755ZSEP12	0C
2	15	1	1320 1332	450036N0411029E 445439N0405729E	270757ZSEP12 270800ZSEP12	0C
2	16	1	1307 1310	444257N0404521E 443900N0404152E	270804ZSEP12 270805ZSEP12	0C
2	17	1	1305 1307	443816N0402511E 443814N0401956E	270808ZSEP12 270809ZSEP12	0C
2	18	1	1303 1307	443548N0401133E 443110N0395841E	270811ZSEP12 270813ZSEP12	0C
2	19	1	1301 1305	444512N0390952E 444613N0390623E	270823ZSEP12 270823ZSEP12	0C
2	20	1	985 998	444730N0391005E 444758N0391458E	270829ZSEP12 270830ZSEP12	0C
2	22	1	984 989	450146N0391006E 450600N0385524E	270834ZSEP12 270837ZSEP12	0C
2	23	1	982 997	445906N0380406E 445752N0375607E	270846ZSEP12 270848ZSEP12	1C
2	24	1	1327 1357	444253N0374709E 443909N0374556E	270852ZSEP12 270853ZSEP12	1S
2	25	1	1320 1325	445203N0372215E 445427N0371813E	270859ZSEP12 270900ZSEP12	0C
2	26	1	1004 1008	450530N0364803E 450657N0364356E	270906ZSEP12 270906ZSEP12	0C
2	27	1	976 1020	451138N0364340E 451405N0364403E	270908ZSEP12 270908ZSEP12	0C
2	29	1	1001 1006	452127N0371935E 451301N0373137E	270917ZSEP12 270920ZSEP12	1S
2	31	1	997 1006	451547N0380408E 451651N0381141E	270926ZSEP12 270927ZSEP12	1S
2	31	2	978 992	452614N0392051E 452727N0393010E	270939ZSEP12 270941ZSEP12	1C

2	32	1	1000 1005	461130N0383024E 461555N0382333E	270958ZSEP12 270959ZSEP12	0C
2	34	1	993 1002	463830N0380857E 464506N0381917E	271007ZSEP12 271009ZSEP12	1C
2	36	1	998 1006	471834N0384840E 470953N0385200E	271021ZSEP12 271023ZSEP12	0C
2	37	1	1002 1005	471132N0385516E 471738N0385945E	271029ZSEP12 271030ZSEP12	1O
2	38	1	993 1007	471720N0392736E 471643N0393801E	271035ZSEP12 271037ZSEP12	1C
3	1	1	1031 1032	471616N0393715E 471836N0394234E	280558ZSEP12 280559ZSEP12	0C
3	2	1	1031 1033	473039N0400330E 473615N0400932E	280604ZSEP12 280605ZSEP12	0C
3	4	1	1032 1037	481353N0401219E 481928N0401559E	280615ZSEP12 280617ZSEP12	0C
3	5	1	1032 1034	485443N0401735E 485920N0401745E	280626ZSEP12 280627ZSEP12	0C
3	6	1	1033 1035	495428N0402908E 495748N0402951E	280641ZSEP12 280642ZSEP12	0C
3	7	1	1028 1034	500529N0401056E 500756N0400359E	280646ZSEP12 280647ZSEP12	0C
3	9	1	1337 1338	504956N0390513E 505506N0390252E	280701ZSEP12 280702ZSEP12	0C
3	11	1	1308 1313	514101N0362233E 514642N0360918E	280729ZSEP12 280732ZSEP12	0C
3	13	1	1287 1294	525444N0355829E 525956N0360346E	280749ZSEP12 280751ZSEP12	0C
3	14	1	1267 1278	534641N0355005E 541206N0354129E	280803ZSEP12 280809ZSEP12	0C
3	15	1	1265 1272	542538N0360156E 543409N0361603E	280814ZSEP12 280817ZSEP12	1C
3	17	1	1252 1261	551033N0363922E 552131N0362825E	280826ZSEP12 280829ZSEP12	1C
3	18	1	1247 1253	553438N0363726E 553613N0363839E	280833ZSEP12 280833ZSEP12	1C

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: NO

(3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: **NO**

(4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

PREFLIGHT-INSPECTION:

CANADIAN COMMENTS:

DURING THE PRE-FLIGHT INSPECTION, THE RUSSIAN FEDERATION INDICATED THAT THEY CONSIDERED THE FORWARD-LOOKING VIDEO CAMERA AS A NON-CERTIFIED SENSOR AS IN THEIR VIEW IT REQUIRES FULL TECHNICAL DESCRIPTION AND/OR FORMAT 3/4/8 TO BE ACCEPTED. AS THIS ISSUE COULD NOT BE RESOLVED, IT WAS AGREED, AS AN INTERIM MEASURE, THAT THE SENSOR COVER WOULD BE INSTALLED. FURTHER RESOLUTION TO THIS SITUATION SHOULD BE FORTHCOMING.

DURING PRE-FLIGHT INSPECTION, RADOME WAS NOT OPENED TO PREVENT STRUCTURAL DAMAGE TO AIRCRAFT. NON-DESTRUCTIVE TESTING MEASURES WERE NOT CONSIDERED.

RUSSIAN FEDERATION COMMENTS:

DURING THE PREFLIGHT THE RUSSIAN INSPECTORS ESTABLISHED, THAT THERE IS UNSURVEYED PERSPECTIVE VIDEO CAMERA IN THE BOWS OF CAPSULE. NO INFORMATION AVAILABLE IN TECHNICAL DESCRIPTION AND NOTIFICATION FORMAT № 3, 4, 8 ABOUT THIS VIDEO CAMERA. BY AGREEMENT AMONG PARTIES, DURING OBSERVATION FLIGHT THE COVER WILL BE INSTALLING ON THIS VIDEO CAMERA.

DURING THE PREFLIGHT THE RUSSIAN INSPECTORS WERE UNABLE TO CONFIRM THAT TYPE AND MODEL OF THE WEATHER RADAR CONFORMS TO CERTIFICATE AND SPECIFIED IN NOTIFICATION FORMAT OS/CA/12/0036/F08/O, WHICH CONTRADICTS OPEN SKIES TREATY ANNEX F, SECTION 1, ARTICLE 6.

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJ P. JAEGGI**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **281600ZSEP12**

6. REMARKS:

CANADA WOULD LIKE TO EXPRESS THANKS TO THE RUSSIAN FEDERATION TEAM FOR THEIR PROFESSIONALISM AND HOSPITALITY THROUGHOUT THE MISSION.

7. END OF OS MESSAGE NUMBER: **OS/CA/12/0059/F14/O**

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO: RUSSIAN FEDERATION

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/12/0056/F14/O**
2. OS MESSAGE DATE AND TIME: **271500ZSEP12**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: **OS/CA/12/0046/F12/O**
5. CONTENT
 - A. OBSERVATION FLIGHT
 - (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
 - (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **OS12141**
 - (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **171257ZSEP12**
 - (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
 - (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **C-130H**
 - B. ITINERARY
 - (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: **KUBINKA**
 - (i) ICAO DESIGNATOR: **UUMB**
 - (ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: **190450ZSEP12**
 - (c) LEGS OF THIS SEGMENT:
 - 1, **553449N0363228E**
 - 2, **552544N0362300E**
 - 3, **551137N0363856E**
 - 4, **550209N0364713E**
 - 5, **522211N0384703E**
 - 6, **515301N0390457E**
 - 7, **514130N0392823E**

8, 513834N0390804E
9, 512546N0391050E
10, 510138N0392910E
11, 500428N0400459E
12, 490806N0401808E
13, 475504N0395752E
14, 474029N0395007E
15, 471642N0393812E

(d) LANDING AIRFIELD: ROSTOV-ON-DON

(i) ICAO DESIGNATOR: XRRO

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(e) DATE AND TIME OF LANDING: 190705ZSEP12

(2) FLIGHT SEGMENT NUMBER: 2

(a) DEPARTURE AIRFIELD: ROSTOV-ON-DON

(i) ICAO DESIGNATOR: XRRO

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(b) DATE AND TIME OF TAKEOFF: 190826ZSEP12

(c) LEGS OF THIS SEGMENT:

1, 471332N0393748E
2, 462518N0393222E
3, 453326N0392612E
4, 452323N0392517E
5, 443357N0395100E
6, 443125N0400443E
7, 443921N0402540E
8, 440552N0410224E
9, 435450N0411258E
10, 434849N0415127E
11, 433646N0430711E
12, 433028N0434326E
13, 430225N0440928E
14, 425446N0441602E
15, 425156N0444034E
16, 430208N0444959E
17, 424714N0463431E
18, 424406N0465928E
19, 425821N0470904E
20, 424432N0472740E
21, 425022N0474305E
22, 430232N0472352E
23, 430744N0460312E
24, 430835N0454250E
25, 434055N0455817E
26, 433500N0452747E
27, 433422N0445849E
28, 435445N0445705E
29, 434633N0443327E
30, 444458N0443227E
31, 445422N0443037E
32, 444902N0435924E

33, 450729N0420138E
34, 463046N0404052E
35, 470310N0394626E
36, 471642N0393812E

- (d) LANDING AIRFIELD: ROSTOV-ON-DON
 - (i) ICAO DESIGNATOR: XRRO
 - (ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E
 - (e) DATE AND TIME OF LANDING: 191317ZSEP12
- (3) FLIGHT SEGMENT NUMBER: 3

- (a) DEPARTURE AIRFIELD: ROSTOV-ON-DON
 - (i) ICAO DESIGNATOR: XRRO
 - (ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E
- (b) DATE AND TIME OF TAKEOFF: 200620ZSEP12

- (c) LEGS OF THIS SEGMENT:

1, 472022N0395535E
2, 472605N0400545E
3, 481955N0414856E
4, 480045N0423946E
5, 484241N0432416E
6, 483743N0435018E
7, 483304N0442604E
8, 484747N0443525E
9, 481621N0461740E
10, 482911N0455348E
11, 483859N0453915E
12, 484106N0454635E
13, 483205N0460914E
14, 483454N0461456E
15, 484712N0461822E
16, 484203N0461321E
17, 484533N0455439E
18, 485107N0453626E
19, 494946N0450843E
20, 501428N0451239E
21, 511208N0461918E
22, 512617N0460848E
23, 513041N0461537E
24, 514204N0452859E
25, 523940N0414742E
26, 524149N0411944E
27, 523044N0393422E
28, 524249N0392315E
29, 550633N0370817E
30, 553642N0363900E

- (d) LANDING AIRFIELD: KUBINKA
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES:

553642N, 0363900E

(e) DATE AND TIME OF LANDING: 201120ZSEP12

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 5135 KM

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__-L4

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	3	1	2199 2212	552244N0362641E 552123N0362814E	190504ZSEP12 190504ZSEP12	1O
1	3	2	2208 2217	551643N0363312E 551239N0363746E	190506ZSEP12 190507ZSEP12	0C
1	7	1	2228 2229	514942N0391146E 514746N0391544E	190553ZSEP12 190554ZSEP12	0C
1	8	1	2224 2229	513954N0391744E 513843N0390913E	190557ZSEP12 190558ZSEP12	0C
1	9	1	2227 2233	513807N0390811E 512737N0391029E	190604ZSEP12 190606ZSEP12	0C
2	2	1	2211 2216	463401N0393320E 462820N0393243E	190846ZSEP12 190847ZSEP12	1S
2	4	1	2213 2215	452912N0392550E 452558N0392532E	190900ZSEP12 190901ZSEP12	0C
2	6	1	2221 2222	443238N0395810E 443149N0400235E	190915ZSEP12 190915ZSEP12	0C
2	7	1	2536 2537	443626N0401751E 443827N0402313E	190918ZSEP12 190919ZSEP12	0C
2	10	1	3180 3182	435340N0412032E 434920N0414814E	190934ZSEP12 190939ZSEP12	0C
2	12	1	3168 3169	433230N0433147E 433109N0433930E	190956ZSEP12 190957ZSEP12	1O
2	15	1	5083 5083	425241N0443412E 425224N0443934E	191012ZSEP12 191012ZSEP12	1B
2	16	1	5378 5402	425814N0444618E 430001N0444752E	191015ZSEP12 191015ZSEP12	1O
2	17	1	5390 5395	424920N0462033E 424749N0463046E	191030ZSEP12 191032ZSEP12	1S
2	19	1	5381 5387	424907N0470247E 425608N0470729E	191038ZSEP12 191040ZSEP12	1O
2	20	1	5382 5385	424846N0472158E 424436N0472733E	191043ZSEP12 191045ZSEP12	1O

2	21	1	5377 5378	424819N0473735E 425006N0474218E	191047ZSEP12 191048ZSEP12	1B
2	22	1	5382 5384	425056N0474210E 425322N0473819E	191053ZSEP12 191054ZSEP12	1B
2	22	2	5382 5383	425724N0473157E 430109N0472602E	191055ZSEP12 191057ZSEP12	1B
2	24	1	5388 5389	430809N0455302E 430822N0454544E	191111ZSEP12 191112ZSEP12	1O
2	25	1	5381 5386	431052N0454353E 431814N0454723E	191117ZSEP12 191119ZSEP12	1O
2	25	2	5373 5375	433549N0455547E 433923N0455731E	191123ZSEP12 191124ZSEP12	1O
2	26	1	5377 5380	433643N0453634E 433514N0452901E	191129ZSEP12 191130ZSEP12	1O
2	28	1	5370 5378	434043N0445818E 435405N0445717E	191136ZSEP12 191138ZSEP12	1O
2	29	1	5379 5380	434824N0443848E 434734N0443425E	191143ZSEP12 191143ZSEP12	1O
2	30	1	5368 5369	442853N0443242E 443243N0443238E	191153ZSEP12 191154ZSEP12	1S
2	32	1	2213 2215	445414N0442955E 445247N0442116E	191202ZSEP12 191204ZSEP12	0C
2	32	1	2212 2216	444939N0440300E 444905N0435940E	191207ZSEP12 191208ZSEP12	0C
2	33	1	2529 2531	450620N0420908E 450654N0420522E	191226ZSEP12 191226ZSEP12	0C
2	34	1	2526 2528	451359N0415529E 451526N0415406E	191229ZSEP12 191229ZSEP12	0C
2	34	2	2523 2528	455228N0411834E 455608N0411501E	191240ZSEP12 191241ZSEP12	0C
2	35	1	2213 2214	463318N0403638E 463526N0403306E	191252ZSEP12 191253ZSEP12	0C
2	36	1	2215 2219	470439N0394531E 471622N0393823E	191304ZSEP12 191308ZSEP12	0C

(2) SENSOR USED: PG-OF__-L4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
3	1	1	902 969	471628N0393713E 471745N0394313E	200628ZSEP12 200629ZSEP12	0C
3	1	2	853 881	471925N0395104E 472013N0395454E	200631ZSEP12 200631ZSEP12	0C

3	2	1	856 936	472420N0400238E 472554N0400526E	200633ZSEP12 200634ZSEP12	0C
3	3	1	938 940	472607N0400549E 472633N0400634E	200634ZSEP12 200634ZSEP12	0C
3	3	2	857 918	481723N0414425E 481945N0414836E	200654ZSEP12 200655ZSEP12	0C
3	4	1	896 914	480528N0422727E 480111N0423843E	200703ZSEP12 200705ZSEP12	0C
3	6	1	902 960	484140N0432936E 483754N0434917E	200719ZSEP12 200723ZSEP12	0C
3	7	1	916 927	483554N0440425E 483524N0440819E	200725ZSEP12 200726ZSEP12	0C
3	7	2	853 870	483355N0441937E 483309N0442524E	200728ZSEP12 200728ZSEP12	0C
3	8	1	892 991	484204N0443146E 484738N0443518E	200731ZSEP12 200733ZSEP12	0C
3	9	1	954 999	481909N0460852E 481630N0461713E	200753ZSEP12 200755ZSEP12	0C
3	10	1	953 982	481639N0461718E 482351N0460343E	200800ZSEP12 200802ZSEP12	0C
3	11	1	871 983	483406N0454629E 483659N0454212E	200806ZSEP12 200807ZSEP12	0C
3	12	1	956 979	483912N0454010E 484052N0454552E	200811ZSEP12 200812ZSEP12	0C
3	13	1	957 982	483922N0455034E 483833N0455251E	200813ZSEP12 200814ZSEP12	0C
3	13	2	954 981	483737N0455516E 483613N0455851E	200814ZSEP12 200815ZSEP12	0C
3	15	1	953 979	483840N0461558E 484648N0461813E	200819ZSEP12 200821ZSEP12	0C
3	16	1	957 974	484649N0461753E 484228N0461342E	200826ZSEP12 200827ZSEP12	0C
3	17	1	960 952	484511N0455635E 484526N0455522E	200830ZSEP12 200830ZSEP12	0C
3	18	1	945 972	484655N0455008E 485048N0453726E	200831ZSEP12 200833ZSEP12	0C
3	19	1	856 915	494357N0451129E 494841N0450912E	200847ZSEP12 200848ZSEP12	0C
3	20	1	870 894	500951N0451153E 501336N0451229E	200854ZSEP12 200855ZSEP12	0C
3	21	1	1226	503707N0453824E	200902ZSEP12	0C

			1295	503835N0454006E	200902ZSEP12	
3	21	2	1200 1300	505529N0455941E 505719N0460150E	200907ZSEP12 200908ZSEP12	1C
3	21	3	1216 1238	510757N0461421E 511149N0461855E	200911ZSEP12 200912ZSEP12	1C
3	23	1	952 978	512739N0461056E 513007N0461446E	200921ZSEP12 200921ZSEP12	1C
3	24	1	1205 1298	513310N0460532E 513443N0455917E	200924ZSEP12 200925ZSEP12	1C
3	24	2	1200 1222	513955N0453759E 514150N0453000E	200929ZSEP12 200930ZSEP12	1C
3	25	1	1207 1226	514515N0451738E 515045N0445751E	200932ZSEP12 200935ZSEP12	1C
3	26	1	1218 1229	524017N0413930E 524143N0412054E	201007ZSEP12 201010ZSEP12	1C
3	28	1	853 882	523602N0392935E 524101N0392452E	201027ZSEP12 201029ZSEP12	1C
3	30	1	853 857	553341N0364156E 553631N0363909E	201112ZSEP12 201113ZSEP12	1C

(3) SENSOR USED: PG-OF__-V4

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	3	1	2199 2212	552244N0362641E 552123N0362814E	190504ZSEP12 190504ZSEP12	1O
1	3	2	2208 2217	551643N0363312E 551239N0363746E	190506ZSEP12 190507ZSEP12	0C
1	7	1	2228 2229	514942N0391146E 514746N0391544E	190553ZSEP12 190554ZSEP12	0C
1	8	1	2224 2229	513954N0391744E 513843N0390913E	190557ZSEP12 190558ZSEP12	0C
1	9	1	2227 2233	513807N0390811E 512737N0391029E	190604ZSEP12 190606ZSEP12	0C
2	2	1	2211 2216	463401N0393320E 462820N0393243E	190846ZSEP12 190847ZSEP12	1S
2	4	1	2213 2215	452912N0392550E 452558N0392532E	190900ZSEP12 190901ZSEP12	0C
2	6	1	2221 2222	443238N0395810E 443149N0400235E	190915ZSEP12 190915ZSEP12	0C
2	7	1	2536 2537	443626N0401751E 443827N0402313E	190918ZSEP12 190919ZSEP12	0C

2	10	1	3180 3182	435340N0412032E 434920N0414814E	190934ZSEP12 190939ZSEP12	0C
2	12	1	3168 3169	433230N0433147E 433109N0433930E	190956ZSEP12 190957ZSEP12	1O
2	15	1	5083 5083	425241N0443412E 425224N0443934E	191012ZSEP12 191012ZSEP12	1B
2	16	1	5378 5402	425814N0444618E 430001N0444752E	191015ZSEP12 191015ZSEP12	1O
2	17	1	5390 5395	424920N0462033E 424749N0463046E	191030ZSEP12 191032ZSEP12	1S
2	19	1	5381 5387	424907N0470247E 425608N0470729E	191038ZSEP12 191040ZSEP12	1O
2	20	1	5382 5385	424846N0472158E 424436N0472733E	191043ZSEP12 191045ZSEP12	1O
2	21	1	5377 5378	424819N0473735E 425006N0474218E	191047ZSEP12 191048ZSEP12	1B
2	22	1	5382 5384	425056N0474210E 425322N0473819E	191053ZSEP12 191054ZSEP12	1B
2	22	2	5382 5383	425724N0473157E 430109N0472602E	191055ZSEP12 191057ZSEP12	1B
2	24	1	5388 5389	430809N0455302E 430822N0454544E	191111ZSEP12 191112ZSEP12	1O
2	25	1	5381 5386	431052N0454353E 431814N0454723E	191117ZSEP12 191119ZSEP12	1O
2	25	2	5373 5375	433549N0455547E 433923N0455731E	191123ZSEP12 191124ZSEP12	1O
2	26	1	5377 5380	433643N0453634E 433514N0452901E	191129ZSEP12 191130ZSEP12	1O
2	28	1	5370 5378	434043N0445818E 435405N0445717E	191136ZSEP12 191138ZSEP12	1O
2	29	1	5379 5380	434824N0443848E 434734N0443425E	191143ZSEP12 191143ZSEP12	1O
2	30	1	5368 5369	442853N0443242E 443243N0443238E	191153ZSEP12 191154ZSEP12	1S
2	32	1	2213 2215	445414N0442955E 445247N0442116E	191202ZSEP12 191204ZSEP12	0C
2	32	1	2212 2216	444939N0440300E 444905N0435940E	191207ZSEP12 191208ZSEP12	0C
2	33	1	2529 2531	450620N0420908E 450654N0420522E	191226ZSEP12 191226ZSEP12	0C
2	34	1	2526 2528	451359N0415529E 451526N0415406E	191229ZSEP12 191229ZSEP12	0C

2	34	2	2523 2528	455228N0411834E 455608N0411501E	191240ZSEP12 191241ZSEP12	0C
2	35	1	2213 2214	463318N0403638E 463526N0403306E	191252ZSEP12 191253ZSEP12	0C
2	36	1	2215 2219	470439N0394531E 471622N0393823E	191304ZSEP12 191308ZSEP12	0C

(4) SENSOR USED: PG-OF__-V4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
3	1	1	902 969	471628N0393713E 471745N0394313E	200628ZSEP12 200629ZSEP12	0C
3	1	2	853 881	471925N0395104E 472013N0395454E	200631ZSEP12 200631ZSEP12	0C
3	2	1	856 936	472420N0400238E 472554N0400526E	200633ZSEP12 200634ZSEP12	0C
3	3	1	938 940	472607N0400549E 472633N0400634E	200634ZSEP12 200634ZSEP12	0C
3	3	2	857 918	481723N0414425E 481945N0414836E	200654ZSEP12 200655ZSEP12	0C
3	4	1	896 914	480528N0422727E 480111N0423843E	200703ZSEP12 200705ZSEP12	0C
3	6	1	902 960	484140N0432936E 483754N0434917E	200719ZSEP12 200723ZSEP12	0C
3	7	1	916 927	483554N0440425E 483524N0440819E	200725ZSEP12 200726ZSEP12	0C
3	7	2	853 870	483355N0441937E 483309N0442524E	200728ZSEP12 200728ZSEP12	0C
3	8	1	892 991	484204N0443146E 484738N0443518E	200731ZSEP12 200733ZSEP12	0C
3	9	1	954 999	481909N0460852E 481630N0461713E	200753ZSEP12 200755ZSEP12	0C
3	10	1	953 982	481639N0461718E 482351N0460343E	200800ZSEP12 200802ZSEP12	0C
3	11	1	871 983	483406N0454629E 483659N0454212E	200806ZSEP12 200807ZSEP12	0C
3	12	1	956 979	483912N0454010E 484052N0454552E	200811ZSEP12 200812ZSEP12	0C
3	13	1	957 982	483922N0455034E 483833N0455251E	200813ZSEP12 200814ZSEP12	0C
3	13	2	954	483737N0455516E	200814ZSEP12	0C

			981	483613N0455851E	200815ZSEP12	
3	15	1	953 979	483840N0461558E 484648N0461813E	200819ZSEP12 200821ZSEP12	0C
3	16	1	957 974	484649N0461753E 484228N0461342E	200826ZSEP12 200827ZSEP12	0C
3	17	1	960 952	484511N0455635E 484526N0455522E	200830ZSEP12 200830ZSEP12	0C
3	18	1	945 972	484655N0455008E 485048N0453726E	200831ZSEP12 200833ZSEP12	0C
3	19	1	856 915	494357N0451129E 494841N0450912E	200847ZSEP12 200848ZSEP12	0C
3	20	1	870 894	500951N0451153E 501336N0451229E	200854ZSEP12 200855ZSEP12	0C
3	21	1	1226 1295	503707N0453824E 503835N0454006E	200902ZSEP12 200902ZSEP12	0C
3	21	2	1200 1300	505529N0455941E 505719N0460150E	200907ZSEP12 200908ZSEP12	1C
3	21	3	1216 1238	510757N0461421E 511149N0461855E	200911ZSEP12 200912ZSEP12	1C
3	23	1	952 978	512739N0461056E 513007N0461446E	200921ZSEP12 200921ZSEP12	1C
3	24	1	1205 1298	513310N0460532E 513443N0455917E	200924ZSEP12 200925ZSEP12	1C
3	24	2	1200 1222	513955N0453759E 514150N0453000E	200929ZSEP12 200930ZSEP12	1C
3	25	1	1207 1226	514515N0451738E 515045N0445751E	200932ZSEP12 200935ZSEP12	1C
3	26	1	1218 1229	524017N0413930E 524143N0412054E	201007ZSEP12 201010ZSEP12	1C
3	28	1	853 882	523602N0392935E 524101N0392452E	201027ZSEP12 201029ZSEP12	1C
3	30	1	853 857	553341N0364156E 553631N0363909E	201112ZSEP12 201113ZSEP12	1C

(5) SENSOR USED: PG-OF__-R4

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	3	1	2199 2212	552244N0362641E 552123N0362814E	190504ZSEP12 190504ZSEP12	1O
1	3	2	2208 2217	551643N0363312E 551239N0363746E	190506ZSEP12 190507ZSEP12	0C

1	7	1	2228 2229	514942N0391146E 514746N0391544E	190553ZSEP12 190554ZSEP12	0C
1	8	1	2224 2229	513954N0391744E 513843N0390913E	190557ZSEP12 190558ZSEP12	0C
1	9	1	2227 2233	513807N0390811E 512737N0391029E	190604ZSEP12 190606ZSEP12	0C
2	2	1	2211 2216	463401N0393320E 462820N0393243E	190846ZSEP12 190847ZSEP12	1S
2	4	1	2213 2215	452912N0392550E 452558N0392532E	190900ZSEP12 190901ZSEP12	0C
2	6	1	2221 2222	443238N0395810E 443149N0400235E	190915ZSEP12 190915ZSEP12	0C
2	7	1	2536 2537	443626N0401751E 443827N0402313E	190918ZSEP12 190919ZSEP12	0C
2	10	1	3180 3182	435340N0412032E 434920N0414814E	190934ZSEP12 190939ZSEP12	0C
2	12	1	3168 3169	433230N0433147E 433109N0433930E	190956ZSEP12 190957ZSEP12	1O
2	15	1	5083 5083	425241N0443412E 425224N0443934E	191012ZSEP12 191012ZSEP12	1B
2	16	1	5378 5402	425814N0444618E 430001N0444752E	191015ZSEP12 191015ZSEP12	1O
2	17	1	5390 5395	424920N0462033E 424749N0463046E	191030ZSEP12 191032ZSEP12	1S
2	19	1	5381 5387	424907N0470247E 425608N0470729E	191038ZSEP12 191040ZSEP12	1O
2	20	1	5382 5385	424846N0472158E 424436N0472733E	191043ZSEP12 191045ZSEP12	1O
2	21	1	5377 5378	424819N0473735E 425006N0474218E	191047ZSEP12 191048ZSEP12	1B
2	22	1	5382 5384	425056N0474210E 425322N0473819E	191053ZSEP12 191054ZSEP12	1B
2	22	2	5382 5383	425724N0473157E 430109N0472602E	191055ZSEP12 191057ZSEP12	1B
2	24	1	5388 5389	430809N0455302E 430822N0454544E	191111ZSEP12 191112ZSEP12	1O
2	25	1	5381 5386	431052N0454353E 431814N0454723E	191117ZSEP12 191119ZSEP12	1O
2	25	2	5373 5375	433549N0455547E 433923N0455731E	191123ZSEP12 191124ZSEP12	1O
2	26	1	5377 5380	433643N0453634E 433514N0452901E	191129ZSEP12 191130ZSEP12	1O

2	28	1	5370 5378	434043N0445818E 435405N0445717E	191136ZSEP12 191138ZSEP12	1O
2	29	1	5379 5380	434824N0443848E 434734N0443425E	191143ZSEP12 191143ZSEP12	1O
2	30	1	5368 5369	442853N0443242E 443243N0443238E	191153ZSEP12 191154ZSEP12	1S
2	32	1	2213 2215	445414N0442955E 445247N0442116E	191202ZSEP12 191204ZSEP12	0C
2	32	1	2212 2216	444939N0440300E 444905N0435940E	191207ZSEP12 191208ZSEP12	0C
2	33	1	2529 2531	450620N0420908E 450654N0420522E	191226ZSEP12 191226ZSEP12	0C
2	34	1	2526 2528	451359N0415529E 451526N0415406E	191229ZSEP12 191229ZSEP12	0C
2	34	2	2523 2528	455228N0411834E 455608N0411501E	191240ZSEP12 191241ZSEP12	0C
2	35	1	2213 2214	463318N0403638E 463526N0403306E	191252ZSEP12 191253ZSEP12	0C
2	36	1	2215 2219	470439N0394531E 471622N0393823E	191304ZSEP12 191308ZSEP12	0C

(6) SENSOR USED: PG-OF__-R4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
3	1	1	902 969	471628N0393713E 471745N0394313E	200628ZSEP12 200629ZSEP12	0C
3	1	2	853 881	471925N0395104E 472013N0395454E	200631ZSEP12 200631ZSEP12	0C
3	2	1	856 936	472420N0400238E 472554N0400526E	200633ZSEP12 200634ZSEP12	0C
3	3	1	938 940	472607N0400549E 472633N0400634E	200634ZSEP12 200634ZSEP12	0C
3	3	2	857 918	481723N0414425E 481945N0414836E	200654ZSEP12 200655ZSEP12	0C
3	4	1	896 914	480528N0422727E 480111N0423843E	200703ZSEP12 200705ZSEP12	0C
3	6	1	902 960	484140N0432936E 483754N0434917E	200719ZSEP12 200723ZSEP12	0C
3	7	1	916 927	483554N0440425E 483524N0440819E	200725ZSEP12 200726ZSEP12	0C
3	7	2	853	483355N0441937E	200728ZSEP12	0C

			870	483309N0442524E	200728ZSEP12	
3	8	1	892 991	484204N0443146E 484738N0443518E	200731ZSEP12 200733ZSEP12	0C
3	9	1	954 999	481909N0460852E 481630N0461713E	200753ZSEP12 200755ZSEP12	0C
3	10	1	953 982	481639N0461718E 482351N0460343E	200800ZSEP12 200802ZSEP12	0C
3	11	1	871 983	483406N0454629E 483659N0454212E	200806ZSEP12 200807ZSEP12	0C
3	12	1	956 979	483912N0454010E 484052N0454552E	200811ZSEP12 200812ZSEP12	0C
3	13	1	957 982	483922N0455034E 483833N0455251E	200813ZSEP12 200814ZSEP12	0C
3	13	2	954 981	483737N0455516E 483613N0455851E	200814ZSEP12 200815ZSEP12	0C
3	15	1	953 979	483840N0461558E 484648N0461813E	200819ZSEP12 200821ZSEP12	0C
3	16	1	957 974	484649N0461753E 484228N0461342E	200826ZSEP12 200827ZSEP12	0C
3	17	1	960 952	484511N0455635E 484526N0455522E	200830ZSEP12 200830ZSEP12	0C
3	18	1	945 972	484655N0455008E 485048N0453726E	200831ZSEP12 200833ZSEP12	0C
3	19	1	856 915	494357N0451129E 494841N0450912E	200847ZSEP12 200848ZSEP12	0C
3	20	1	870 894	500951N0451153E 501336N0451229E	200854ZSEP12 200855ZSEP12	0C
3	21	1	1226 1295	503707N0453824E 503835N0454006E	200902ZSEP12 200902ZSEP12	0C
3	21	2	1200 1300	505529N0455941E 505719N0460150E	200907ZSEP12 200908ZSEP12	1C
3	21	3	1216 1238	510757N0461421E 511149N0461855E	200911ZSEP12 200912ZSEP12	1C
3	23	1	952 978	512739N0461056E 513007N0461446E	200921ZSEP12 200921ZSEP12	1C
3	24	1	1205 1298	513310N0460532E 513443N0455917E	200924ZSEP12 200925ZSEP12	1C
3	24	2	1200 1222	513955N0453759E 514150N0453000E	200929ZSEP12 200930ZSEP12	1C
3	25	1	1207 1226	514515N0451738E 515045N0445751E	200932ZSEP12 200935ZSEP12	1C

3	26	1	1218 1229	524017N0413930E 524143N0412054E	201007ZSEP12 201010ZSEP12	1C
3	28	1	853 882	523602N0392935E 524101N0392452E	201027ZSEP12 201029ZSEP12	1C
3	30	1	853 857	553341N0364156E 553631N0363909E	201112ZSEP12 201113ZSEP12	1C

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: **NO**
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: **NO**
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

NONE

PREFLIGHT-INSPECTION: OK

FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **LCOL PIERRE BEAUCHAMP**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **210300ZSEP12**

6. REMARKS:

DURING THE PRE-FLIGHT INSPECTION, THE RUSSIAN FEDERATION INDICATED THAT THEY CONSIDERED THE FORWARD-LOOKING VIDEO CAMERA AS A NON-CERTIFIED SENSOR AS IN THEIR VIEW IT REQUIRES FULL TECHNICAL DESCRIPTION AND/OR FORMAT 3/4/8 TO BE ACCEPTED. AS THIS ISSUE COULD NOT BE RESOLVED, IT WAS AGREED, AS AN INTERIM MEASURE, THAT THE SENSOR COVER WOULD BE INSTALLED. FURTHER RESOLUTION TO THIS SITUATION SHOULD BE FORTHCOMING.

DURING PRE-FLIGHT INSPECTION, RADOME WAS NOT OPENED TO PREVENT STRUCTURAL DAMAGE TO AIRCRAFT. NON-DESTRUCTIVE TESTING MEASURES WERE NOT CONSIDERED.

IMAGING OCCURRED ON LEG 17 OF SEGMENT 2, A NON-IMAGING LEG, AS INDICATED ON OSF15. ALL FRAMES (54-58) WILL BE DESTROYED.

IMAGING OCCURRED DURING THE TURN FROM LEG 2 TO LEG 3 OF SEGMENT 3. FRAMES WHILE IN THE TURN WILL BE DESTROYED. FRAME 35 ON LEG 2 AND FRAME 36 ON LEG 3.

CANADA WOULD LIKE TO EXPRESS THANKS TO THE RUSSIAN FEDERATION TEAM FOR THEIR PROFESSIONALISM AND HOSPITALITY THROUGHOUT THE MISSION.

RUSSIAN COMMENTS:

DURING THE PREFLIGHT THE RUSSIAN INSPECTORS ESTABLISHED, THAT THERE IS UNSURVEYED PERSPECTIVE VIDEO CAMERA IN THE BOWS OF CAPSULE. NO INFORMATION AVAILABLE IN TECHNICAL DESCRIPTION AND NOTIFICATION FORMAT № 3, 4, 8 ABOUT THIS VIDEO CAMERA. BY AGREEMENT

AMONG PARTIES, DURING OBSERVATION FLIGHT THE COVER WILL BE INSTALLING ON THIS VIDEO CAMERA.

DURING THE PREFLIGHT THE RUSSIAN INSPECTORS WERE UNABLE TO CONFIRM THAT TYPE AND MODEL OF THE WEATHER RADAR CONFORMS TO CERTIFICATE AND SPECIFIED IN NOTIFICATION FORMAT OS/CA/12/0036/F08/O, WHICH CONTRADICTS OPEN SKIES TREATY ANNEX F, SECTION 1, ARTICLE 6.

DURING THE MISSION PLAN COORDINATION THE OBSERVING PARTY DIDN'T ANNOUNCE ITS INTENTION TO ACTIVATE SENSORS ON THE LEG 17 SEGMENT 2. BUT DURING OBSERVATION FLIGHT THE SENSOR WAS USED ON THIS LEG. THE DATA COLLECTED BY THE SENSORS AT THIS PERIOD OF TIME (SLIDES FROM №54 THOROUGH №58), BE ERASED ACCORDING TO THE PARTIES' DECISION.

DURING THE OBSERVATION FLIGHT ON SEGMENT 3 FROM POINT 1 UP TO POINT 2 SWITCHING OFF THE SENSORS EQUIPMENT WAS DONE ONLY AFTER PASSING 2,1 KM OF THE POINT N2. THE DATA OBTAINED BY THE SENSORS WITHIN THAT PERIOD OF TIME (FILMING SHOTS FROM N35 UP TO N36) IS TO BE DESTROYED AS AGREED BY THE PARTIES.

7. END OF OS MESSAGE NUMBER: OS/CA/12/0056/F14/O

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO: BELARUS/RUSSIAN FEDERATION

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/12/0042/F14/O**
2. OS MESSAGE DATE AND TIME: **311220ZAUG12**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: **OS/CA/12/0038/F12/O**
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **OS12140**
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **201239ZAUG12**
- (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **C130H**

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD:
 - (i) ICAO DESIGNATOR: **UUMB**
 - (ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: **220550ZAUG12**
 - (c) LEGS OF THIS SEGMENT:
 - 1, **560938N0365215E**
 - 2, **562454N0364202E**
 - 3, **565033N0372346E**
 - 4, **571859N0375441E**
 - 5, **581028N0382740E**
 - 6, **580054N0390328E**
 - 7, **590111N0382516E**

8, 591459N0385638E
9, 590759N0390641E
10, 591522N0390745E
11, 624359N0413855E
12, 625513N0414712E
13, 625700N0412234E
14, 625140N0405220E
15, 625958N0404418E
16, 625304N0403157E
17, 625711N0402345E
18, 624231N0402417E
19, 604618N0334721E
20, 603648N0331017E
21, 600333N0321515E
22, 610756N0300121E
23, 603402N0300848E
24, 602712N0283700E
25, 600811N0295951E
26, 601706N0303710E
27, 595713N0303429E
28, 595701N0301139E
29, 600518N0301254E

(d) LANDING AIRFIELD:

(i) ICAO DESIGNATOR: XLLV

(ii) GEOGRAPHIC CO-ORDINATES:
600518N, 0301254E

(e) DATE AND TIME OF LANDING: 221113ZAUG12

(2) FLIGHT SEGMENT NUMBER: 2

(a) DEPARTURE AIRFIELD:

(i) ICAO DESIGNATOR: XLLV

(ii) GEOGRAPHIC CO-ORDINATES:
600518N, 0301254E

(b) DATE AND TIME OF TAKEOFF:

(c) LEGS OF THIS SEGMENT:

1, 600028N0294038E
2, 595537N0302029E
3, 595021N0302914E
4, 594024N0301902E
5, 595341N0301353E
6, 594505N0300314E
7, 594109N0293656E
8, 595117N0285652E
9, 592155N0283345E
10, 585800N0291115E
11, 585147N0294532E
12, 583957N0295111E
13, 581356N0294132E
14, 580623N0301207E
15, 580931N0302222E
16, 582216N0310445E
17, 583931N0312514E
18, 574258N0340040E

19, 570126N0350151E
 20, 565443N0355730E
 21, 564548N0353941E
 22, 561532N0343515E
 23, 561519N0341256E
 24, 550651N0342306E
 25, 542315N0323728E
 26, 541802N0321914E
 27, 541336N0342431E
 28, 540011N0345915E
 29, 540140N0353507E
 30, 541701N0354159E
 31, 535406N0354747E
 32, 534422N0352607E
 33, 534351N0354534E
 34, 535530N0355309E
 35, 543156N0360604E
 36, 550901N0363724E
 37, 545324N0372826E
 38, 550927N0372233E
 39, 551004N0364022E
 40, 552241N0362726E
 41, 553642N0363900E

(d) LANDING AIRFIELD:

(i) ICAO DESIGNATOR: UUMB

(ii) GEOGRAPHIC CO-ORDINATES:
 553642N, 0363900E

(e) DATE AND TIME OF LANDING:

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 4170

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__-L4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	1246 1248	553623N0363852E 554110N0364045E	220555ZAUG12 220556ZAUG12	OC
1	1	2	1245 1247	560221N0364916E 560857N0365157E	220601ZAUG12 220603ZAUG12	OC
1	2	1	1247 1248	561943N0364529E 562332N0364254E	220606ZAUG12 220607ZAUG12	OC
1	3	1	938 940	564602N0371621E 564949N0372234E	220615ZAUG12 220616ZAUG12	OC
1	4	1	935 937	571057N0374550E 571737N0375308E	220623ZAUG12 220625ZAUG12	OC
1	5	1	931 939	575517N0381746E 575943N0382039E	220635ZAUG12 220636ZAUG12	1C
1	6	1	931	580800N0383632E	220639ZAUG12	1C

			942	580142N0390028E	220643ZAUG12	
1	8	1	1237 1241	590420N0383224E 591317N0385245E	220703ZAUG12 220706ZAUG12	1S
1	10	1	1239 1240	590921N0390652E 591319N0390726E	220713ZAUG12 220714ZAUG12	1S
1	11	1	1233 1237	593431N0392013E 593755N0392227E	220720ZAUG12 220721ZAUG12	1S
1	11	2	1214 1217	605834N0401809E 610202N0402039E	220742ZAUG12 220743ZAUG12	1S
1	12	1	888 895	624933N0414258E 625407N0414621E	220812ZAUG12 220813ZAUG12	1C
1	13	1	888 907	625558N0413608E 625648N0412504E	220815ZAUG12 220816ZAUG12	1C
1	14	1	883 897	625545N0411514E 625144N0405248E	220817ZAUG12 220820ZAUG12	1C
1	15	1	880 895	625148N0405212E 630005N0404409E	220824ZAUG12 220826ZAUG12	1C
1	16	1	882 908	625939N0404345E 625304N0403204E	220829ZAUG12 220831ZAUG12	1C
1	17	1	886 905	625322N0403117E 625631N0402500E	220835ZAUG12 220836ZAUG12	1C
1	18	1	901 906	624743N0402407E 624309N0402414E	220839ZAUG12 220840ZAUG12	1C
1	19	1	1198 1217	623943N0401251E 623150N0394234E	220842ZAUG12 220846ZAUG12	1B
1	19	2	1196 1204	605542N0341535E 605005N0335841E	220931ZAUG12 220934ZAUG12	1S
1	20	1	892 902	604402N0333825E 604157N0333018E	220937ZAUG12 220938ZAUG12	1C
1	20	2	893 906	603847N0331801E 603716N0331207E	220940ZAUG12 220940ZAUG12	1C
1	21	1	893 899	603400N0330531E 603202N0330215E	220942ZAUG12 220942ZAUG12	1C
1	21	2	893 901	600710N0322106E 600421N0321634E	220950ZAUG12 220951ZAUG12	1C
1	22	1	890 897	610254N0301219E 610641N0300404E	221012ZAUG12 221014ZAUG12	1C
1	23	1	895 901	604541N0300614E 604151N0300704E	221021ZAUG12 221022ZAUG12	1C
1	24	1	880 896	603305N0295503E 603218N0294401E	221025ZAUG12 221026ZAUG12	1C

1	24	2	892 899	602930N0290629E 602900N0285958E	221031ZAUG12 221032ZAUG12	1C
1	24	3	891 894	602804N0284806E 602733N0284140E	221033ZAUG12 221034ZAUG12	1C
1	25	1	896 899	601258N0293929E 601028N0295007E	221043ZAUG12 221044ZAUG12	1C
1	26	1	885 966	601016N0300821E 601306N0302010E	221047ZAUG12 221048ZAUG12	1C
1	26	2	888 893	601534N0303034E 601647N0303544E	221050ZAUG12 221050ZAUG12	1C
1	27	1	900 906	600027N0303454E 595814N0303437E	221056ZAUG12 221056ZAUG12	1C
1	28	1	895 908	595708N0302431E 595702N0301450E	221058ZAUG12 221059ZAUG12	1C
1	29	1	892 911	600307N0301237E 600528N0301254E	221100ZAUG12 221101ZAUG12	1C

(2) SENSOR USED: PG-OF__-V4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	1246 1248	553623N0363852E 554110N0364045E	220555ZAUG12 220556ZAUG12	OC
1	1	2	1245 1247	560229N0364919E 560857N0365157E	220601ZAUG12 220603ZAUG12	OC
1	2	1	1246 1249	561943N0364529E 562332N0364254E	220606ZAUG12 220607ZAUG12	OC
1	3	1	938 940	564602N0371621E 564949N0372234E	220615ZAUG12 220616ZAUG12	OC
1	4	1	935 937	571057N0374550E 571744N0375316E	220623ZAUG12 220625ZAUG12	OC
1	5	1	931 939	575517N0381746E 575928N0382029E	220635ZAUG12 220636ZAUG12	1C
1	5	2	938 938	575943N0382039E 575943N0382039E	220636ZAUG12 220636ZAUG12	1C
1	6	1	931 942	580800N0383632E 580142N0390028E	220639ZAUG12 220643ZAUG12	1C
1	8	1	1237 1241	590420N0383224E 591317N0385245E	220703ZAUG12 220706ZAUG12	1S
1	10	1	1239 1240	590921N0390652E 591319N0390726E	220713ZAUG12 220714ZAUG12	1S
1	11	1	1233 1237	593431N0392013E 593755N0392227E	220720ZAUG12 220721ZAUG12	1S

1	11	2	1214 1217	605834N0401809E 610202N0402039E	220742ZAUG12 220743ZAUG12	1S
1	12	1	888 895	624933N0414258E 625407N0414621E	220812ZAUG12 220813ZAUG12	1C
1	13	1	888 907	625558N0413608E 625648N0412504E	220815ZAUG12 220816ZAUG12	1C
1	14	1	883 897	625545N0411514E 625144N0405248E	220817ZAUG12 220820ZAUG12	1C
1	15	1	880 895	625148N0405212E 630005N0404409E	220824ZAUG12 220826ZAUG12	1C
1	16	1	882 908	625939N0404345E 625304N0403204E	220829ZAUG12 220831ZAUG12	1C
1	17	1	889 905	625328N0403105E 625631N0402500E	220835ZAUG12 220836ZAUG12	1C
1	18	1	901 905	624743N0402407E 624325N0402414E	220839ZAUG12 220840ZAUG12	1C
1	18	2	906 906	624309N0402414E 624309N0402414E	220840ZAUG12 220840ZAUG12	1C
1	19	1	1198 1217	623943N0401251E 623150N0394234E	220842ZAUG12 220846ZAUG12	1B
1	19	2	1196 1204	605542N0341535E 605005N0335841E	220931ZAUG12 220934ZAUG12	1S
1	20	1	893 902	604402N0333825E 604205N0333048E	220937ZAUG12 220938ZAUG12	1C
1	20	2	890 890	604154N0333004E 604154N0333004E	220938ZAUG12 220938ZAUG12	1C
1	20	3	893 906	603847N0331801E 603716N0331207E	220940ZAUG12 220940ZAUG12	1C
1	21	1	893 900	603400N0330531E 603156N0330204E	220942ZAUG12 220942ZAUG12	1C
1	21	2	893 901	600710N0322106E 600421N0321634E	220950ZAUG12 220951ZAUG12	1C
1	22	1	890 897	610254N0301219E 610641N0300404E	221012ZAUG12 221014ZAUG12	1C
1	23	1	895 901	604541N0300614E 604143N0300706E	221021ZAUG12 221022ZAUG12	1C
1	24	1	880 896	603303N0295446E 603218N0294401E	221025ZAUG12 221026ZAUG12	1C
1	24	2	892 899	602930N0290629E 602900N0285958E	221031ZAUG12 221032ZAUG12	1C
1	24	3	891	602804N0284806E	221033ZAUG12	1C

			894	602733N0284140E	221034ZAUG12	
1	25	1	896 899	601258N0293929E 601028N0295007E	221043ZAUG12 221044ZAUG12	1C
1	26	1	886 974	601016N0300821E 601310N0302026E	221047ZAUG12 221048ZAUG12	1C
1	26	2	888 893	601534N0303034E 601647N0303544E	221050ZAUG12 221050ZAUG12	1C
1	27	1	900 906	600027N0303454E 595814N0303437E	221056ZAUG12 221056ZAUG12	1C
1	28	1	895 908	595708N0302431E 595702N0301450E	221058ZAUG12 221059ZAUG12	1C
1	29	1	892 911	600316N0301238E 600528N0301254E	221100ZAUG12 221101ZAUG12	1C

(3) SENSOR USED: PG-OF__-R4F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	1246 1248	553623N0363852E 554110N0364045E	220555ZAUG12 220556ZAUG12	OC
1	1	2	1245 1247	560221N0364916E 560857N0365157E	220601ZAUG12 220603ZAUG12	OC
1	2	1	1247 1248	561943N0364529E 562332N0364254E	220606ZAUG12 220607ZAUG12	OC
1	3	1	938 940	564602N0371621E 564949N0372234E	220615ZAUG12 220616ZAUG12	OC
1	4	1	935 937	571057N0374550E 571744N0375316E	220623ZAUG12 220625ZAUG12	OC
1	5	1	931 939	575517N0381746E 575943N0382039E	220635ZAUG12 220636ZAUG12	1C
1	6	1	931 942	580800N0383632E 580142N0390028E	220639ZAUG12 220643ZAUG12	1C
1	8	1	1237 1241	590420N0383224E 591317N0385245E	220703ZAUG12 220706ZAUG12	1S
1	10	1	1239 1240	590921N0390652E 591319N0390726E	220713ZAUG12 220714ZAUG12	1S
1	11	1	1233 1237	593431N0392013E 593755N0392227E	220720ZAUG12 220721ZAUG12	1S
1	11	2	1214 1217	605834N0401809E 610202N0402039E	220742ZAUG12 220743ZAUG12	1S
1	12	1	888 895	624933N0414258E 625407N0414621E	220812ZAUG12 220813ZAUG12	1C

1	13	1	888 907	625558N0413608E 625648N0412504E	220815ZAUG12 220816ZAUG12	1C
1	14	1	883 897	625545N0411514E 625144N0405248E	220817ZAUG12 220820ZAUG12	1C
1	15	1	880 895	625148N0405212E 630005N0404409E	220824ZAUG12 220826ZAUG12	1C
1	16	1	882 908	625939N0404345E 625310N0403215E	220829ZAUG12 220831ZAUG12	1C
1	17	1	886 905	625322N0403117E 625631N0402500E	220835ZAUG12 220836ZAUG12	1C
1	18	1	901 906	624743N0402407E 624309N0402414E	220839ZAUG12 220840ZAUG12	1C
1	19	1	1199 1217	623943N0401251E 623150N0394234E	220842ZAUG12 220846ZAUG12	1B
1	19	2	1196 1204	605542N0341535E 605005N0335841E	220931ZAUG12 220934ZAUG12	1C
1	20	1	892 902	604402N0333825E 604157N0333018E	220937ZAUG12 220938ZAUG12	1C
1	20	2	893 906	603847N0331801E 603716N0331207E	220940ZAUG12 220940ZAUG12	1C
1	21	1	893 899	603400N0330531E 603202N0330215E	220942ZAUG12 220942ZAUG12	1C
1	21	2	893 901	600710N0322106E 600428N0321644E	220950ZAUG12 220951ZAUG12	1C
1	22	1	890 897	610254N0301219E 610641N0300404E	221012ZAUG12 221014ZAUG12	1C
1	23	1	895 901	604541N0300614E 604143N0300706E	221021ZAUG12 221022ZAUG12	1C
1	24	1	880 896	603305N0295503E 603218N0294401E	221025ZAUG12 221026ZAUG12	1C
1	24	2	892 899	602930N0290629E 602900N0285958E	221031ZAUG12 221032ZAUG12	1C
1	24	3	891 894	602804N0284806E 602733N0284140E	221033ZAUG12 221034ZAUG12	1C
1	25	1	896 899	601258N0293929E 601028N0295007E	221043ZAUG12 221044ZAUG12	1C
1	26	1	885 974	601016N0300821E 601306N0302010E	221047ZAUG12 221048ZAUG12	1C
1	26	2	888 893	601534N0303034E 601647N0303544E	221050ZAUG12 221050ZAUG12	1C
1	27	1	900 906	600027N0303454E 595814N0303437E	221056ZAUG12 221056ZAUG12	1C

1	28	1	895	595708N0302431E	221058ZAUG12	1C
			908	595702N0301450E	221059ZAUG12	
1	29	1	892	600307N0301237E	221100ZAUG12	1C
			911	600528N0301254E	221101ZAUG12	

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE:
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

PREFLIGHT-INSPECTION: OK
FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJOR DAVE MASNYK**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **241530ZAUG12**

6. REMARKS:
SEGMENT 2 (2034KM) WAS NOT FLOWN BECAUSE OF WEATHER (CANCELLED AT 230630ZAUG12).

CANADA WOULD LIKE TO EXPRESS THEIR APPRECIATION TO THE RUSSIAN FEDERATION TEAM FOR THEIR PROFESSIONALISM AND HOSPITALITY THROUGHOUT THE MISSION.

7. END OF OS MESSAGE NUMBER: **OS/CA/12/0042/F14/O**

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO: RUSSIAN FEDERATION

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/11/0057/F14/C
2. OS MESSAGE DATE AND TIME: 101730ZNOV11
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/11/0054/F12/C
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS1142
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 301330ZOCT11
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C-130H

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: KUBINKA
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES: 553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: 010557ZNOV11
 - (c) LEGS OF THIS SEGMENT:
 - 1, 560035N0353817E
 - 2, 560918N0345247E
 - 3, 560228N0360944E
 - 4, 560645N0364025E
 - 5, 560812N0370623E
 - 6, 562324N0364203E
 - 7, 564432N0364847E

8, 563843N0361507E
9, 565543N0355415E
10, 564356N0353943E
11, 561358N0342758E
12, 562646N0333343E
13, 561405N0324308E
14, 562222N0314617E
15, 561327N0295529E
16, 562043N0284804E
17, 550832N0342454E
18, 550842N0330659E
19, 541354N0342943E
20, 541338N0341457E
21, 540703N0333029E
22, 542216N0322057E
23, 542058N0321647E
24, 533607N0335945E
25, 532748N0335034E
26, 532100N0341243E
27, 531147N0342638E
28, 525849N0360554E
29, 534450N0361706E
30, 535914N0361906E
31, 535254N0354628E
32, 540627N0354559E
33, 535333N0353615E
34, 534445N0355456E
35, 534554N0352616E
36, 540118N0350709E
37, 540522N0353853E
38, 541315N0354026E
39, 551857N0362712E
40, 553642N0363900E

(d) LANDING AIRFIELD: KUBINKA

(i) ICAO DESIGNATOR: UUMB

(ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E

(e) DATE AND TIME OF LANDING: 011211ZNOV11

(2) FLIGHT SEGMENT NUMBER: 2

(a) DEPARTURE AIRFIELD: KUBINKA

(i) ICAO DESIGNATOR: UUMB

(ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E

(b) DATE AND TIME OF TAKEOFF: 020550ZNOV11

(c) LEGS OF THIS SEGMENT:

1, 554133N0371123E
2, 554611N0370911E
3, 555425N0372653E
4, 560423N0375746E
5, 561005N0375436E
6, 561550N0380751E
7, 561526N0382036E

8, 564245N0402800E
 9, 564954N0400518E
 10, 571327N0390109E
 11, 565733N0401103E
 12, 565000N0403405E
 13, 565847N0403212E
 14, 565750N0404938E
 15, 570512N0410203E
 16, 572718N0421347E
 17, 564247N0470522E
 18, 563947N0473243E
 19, 563751N0482507E
 20, 562413N0473016E
 21, 560657N0472845E
 22, 542611N0485518E
 23, 541831N0482053E
 24, 553059N0462321E
 25, 551356N0462040E
 26, 552359N0434405E
 27, 554201N0431540E
 28, 554157N0435837E
 29, 560845N0442050E
 30, 562041N0430334E
 31, 561514N0424447E
 32, 555305N0410936E
 33, 560853N0401455E
 34, 555001N0390654E
 35, 554623N0382747E
 36, 555410N0375821E
 37, 554507N0380220E
 38, 554107N0375102E
 39, 553559N0380844E
 40, 553113N0381010E
 41, 553351N0373150E
 42, 553837N0372057E
 43, 553659N0364504E
 44, 553642N0363900E

(d) LANDING AIRFIELD: KUBINKA

(i) ICAO DESIGNATOR: UUMB

(ii) GEOGRAPHIC CO-ORDINATES:
 553642N, 0363900E

(e) DATE AND TIME OF LANDING: 021210ZNOV11

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 4951

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF_-L3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	822 832	553656N0363815E 553851N0363322E	010601ZNOV11 010602ZNOV11	10
1	2	1	1011 1013	560135N0353306E 560243N0352714E	010612ZNOV11 010613ZNOV11	10

1	2	2	1014 1020	560806N0345907E 560907N0345344E	010618ZNOV11 010618ZNOV11	10
1	3	1	1018 1024	560911N0345433E 560841N0350015E	010624ZNOV11 010625ZNOV11	1B
1	3	2	1008 1010	560257N0360421E 560232N0360903E	010634ZNOV11 010634ZNOV11	10
1	5	1	998 1004	560718N0364957E 560810N0370556E	010640ZNOV11 010642ZNOV11	10
1	6	1	1003 1006	562005N0364721E 562258N0364244E	010648ZNOV11 010649ZNOV11	10
1	7	1	862 879	564109N0364741E 564418N0364837E	010653ZNOV11 010654ZNOV11	10
1	8	1	806 812	564002N0362237E 563849N0361544E	010659ZNOV11 010700ZNOV11	10
1	9	1	810 815	565044N0360024E 565506N0355500E	010704ZNOV11 010705ZNOV11	10
1	10	1	814 841	565428N0355252E 564454N0354054E	010711ZNOV11 010713ZNOV11	10
1	12	1	1031 1034	561455N0342416E 561658N0341524E	010729ZNOV11 010731ZNOV11	10
1	12	2	1039 1042	562546N0333801E 562639N0333411E	010736ZNOV11 010737ZNOV11	1B
1	13	1	1047 1049	561530N0324843E 561413N0324342E	010743ZNOV11 010744ZNOV11	10
1	15	1	855 861	562202N0314131E 562055N0312652E	010753ZNOV11 010755ZNOV11	10
1	15	2	860 866	561410N0300343E 561331N0295627E	010806ZNOV11 010807ZNOV11	10
1	16	1	871 873	561958N0285514E 562030N0285007E	010816ZNOV11 010817ZNOV11	10
1	17	1	1062 1065	560638N0300135E 560412N0301349E	010827ZNOV11 010829ZNOV11	10
1	17	2	1040 1043	551029N0341654E 550821N0342539E	010902ZNOV11 010903ZNOV11	1B
1	18	1	1039 1042	550830N0342350E 550833N0341910E	010908ZNOV11 010908ZNOV11	1B
1	18	2	1045 1049	550847N0335633E 550852N0335232E	010912ZNOV11 010912ZNOV11	1B
1	18	3	1045 1050	550845N0334353E 550843N0332946E	010913ZNOV11 010915ZNOV11	10
1	19	1	1048	550108N0331842E	010924ZNOV11	10

			1056	545709N0332451E	010925ZNOV11	
1	19	2	1050 1054	545349N0332957E 545045N0333439E	010926ZNOV11 010927ZNOV11	10
1	19	3	1048 1054	541655N0342516E 541413N0342913E	010937ZNOV11 010938ZNOV11	1B
1	20	1	850 855	541350N0342544E 541341N0341815E	010942ZNOV11 010943ZNOV11	1S
1	22	1	856 861	540838N0332324E 541050N0331330E	010951ZNOV11 010953ZNOV11	1B
1	22	2	860 864	542006N0323103E 542124N0322457E	010959ZNOV11 011000ZNOV11	1B
1	24	1	862 864	541947N0321935E 541809N0322326E	011004ZNOV11 011005ZNOV11	1S
1	25	1	852 857	533551N0335917E 532836N0335128E	011024ZNOV11 011026ZNOV11	1B
1	27	1	851 857	531739N0341746E 531211N0342600E	011031ZNOV11 011032ZNOV11	1B
1	28	1	1037 1050	530842N0345113E 530719N0350205E	011036ZNOV11 011038ZNOV11	1B
1	28	2	1031 1038	525936N0360015E 525854N0360521E	011047ZNOV11 011048ZNOV11	1B
1	30	1	832 842	535635N0361842E 535853N0361901E	011102ZNOV11 011103ZNOV11	1S
1	31	1	1031 1039	535438N0355519E 535338N0355013E	011107ZNOV11 011108ZNOV11	10
1	32	1	840 845	535608N0354620E 540335N0354605E	011112ZNOV11 011114ZNOV11	1B
1	33	1	838 842	540559N0354539E 540232N0354301E	011118ZNOV11 011119ZNOV11	1S
1	34	1	1031 1091	535115N0354114E 534706N0354958E	011122ZNOV11 011124ZNOV11	10
1	35	1	1038 1043	534539N0353222E 534551N0352700E	011128ZNOV11 011129ZNOV11	10
1	36	1	839 857	535605N0351337E 540034N0350801E	011133ZNOV11 011134ZNOV11	1S
1	37	1	839 846	540440N0353317E 540515N0353754E	011138ZNOV11 011139ZNOV11	1C
1	38	1	843 844	540928N0353937E 541215N0354013E	011140ZNOV11 011141ZNOV11	1S
1	39	1	838 850	545817N0361211E 550245N0361524E	011153ZNOV11 011155ZNOV11	1B

1	40	1	838 843	552001N0362753E 552252N0362946E	011159ZNOV11 011200ZNOV11	1S
1	40	2	833 839	553443N0363740E 553631N0363852E	011203ZNOV11 011204ZNOV11	1B
2	1	1	969 977	553650N0363942E 553740N0364514E	020556ZNOV11 020557ZNOV11	10
2	1	2	974 975	554026N0370343E 554105N0370806E	020600ZNOV11 020600ZNOV11	10
2	3	1	973 974	554919N0371548E 555245N0372315E	020603ZNOV11 020605ZNOV11	10
2	4	1	972 973	555612N0373218E 555934N0374244E	020606ZNOV11 020608ZNOV11	10
2	6	1	963 968	561150N0375830E 561355N0380319E	020612ZNOV11 020613ZNOV11	10
2	8	1	885 893	564028N0401645E 564235N0402707E	020633ZNOV11 020634ZNOV11	10
2	9	1	954 957	564721N0401321E 564904N0400750E	020637ZNOV11 020638ZNOV11	10
2	10	1	953 956	570511N0392356E 570851N0391348E	020645ZNOV11 020647ZNOV11	10
2	12	1	952 954	565612N0401512E 565302N0402452E	020700ZNOV11 020701ZNOV11	10
2	13	1	951 953	565119N0403347E 565739N0403225E	020706ZNOV11 020708ZNOV11	10
2	14	1	947 949	565832N0403654E 565807N0404428E	020712ZNOV11 020714ZNOV11	10
2	15	1	947 950	570134N0405553E 570436N0410100E	020715ZNOV11 020717ZNOV11	10
2	16	1	935 939	572404N0420303E 572643N0421150E	020726ZNOV11 020728ZNOV11	10
2	17	1	936 938	572108N0425947E 571950N0430914E	020735ZNOV11 020736ZNOV11	10
2	18	1	922 924	564151N0471358E 564030N0472613E	020810ZNOV11 020812ZNOV11	10
2	19	1	919 923	563913N0474901E 563836N0480555E	020815ZNOV11 020817ZNOV11	10
2	20	1	919 924	563709N0482218E 563145N0480020E	020824ZNOV11 020828ZNOV11	1B
2	21	1	924 930	561155N0472912E 560802N0472851E	020835ZNOV11 020836ZNOV11	10
2	23	1	928 931	542558N0485423E 541950N0482651E	020907ZNOV11 020912ZNOV11	10

2	24	1	1230 1232	552607N0463132E 553022N0462420E	020936ZNOV11 020937ZNOV11	10
2	25	1	931 937	551848N0462127E 551503N0462051E	020941ZNOV11 020942ZNOV11	10
2	26	1	943 944	552316N0435655E 552353N0434530E	021003ZNOV11 021005ZNOV11	1B
2	27	1	945 946	553827N0432116E 554116N0431648E	021010ZNOV11 021011ZNOV11	10
2	28	1	942 942	554200N0434921E 554158N0435719E	021016ZNOV11 021017ZNOV11	1B
2	30	1	938 941	561249N0435501E 561730N0432436E	021028ZNOV11 021032ZNOV11	10
2	31	1	939 943	561910N0425819E 561639N0424943E	021036ZNOV11 021038ZNOV11	10
2	33	1	952 956	560522N0402711E 560819N0401649E	021059ZNOV11 021101ZNOV11	10
2	35	1	956 965	554932N0390142E 554852N0385427E	021113ZNOV11 021114ZNOV11	10
2	35	2	959 963	554704N0383510E 554626N0382835E	021116ZNOV11 021117ZNOV11	10
2	36	1	966 972	555204N0380616E 555316N0380144E	021121ZNOV11 021122ZNOV11	10
2	37	1	963 964	555046N0380007E 554846N0380125E	021123ZNOV11 021123ZNOV11	10
2	38	1	962 971	554328N0375751E 554153N0375302E	021125ZNOV11 021126ZNOV11	10
2	39	1	965 968	553758N0380157E 553652N0380542E	021128ZNOV11 021129ZNOV11	10
2	40	1	965 966	553525N0380853E 553158N0380956E	021133ZNOV11 021134ZNOV11	10
2	43	1	965 970	553812N0371202E 553736N0365836E	021144ZNOV11 021146ZNOV11	10
2	44	1	968 971	553656N0364428E 553643N0363937E	021148ZNOV11 021149ZNOV11	10

(2) SENSOR USED: PG-OF_-V3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	822 832	553656N0363815E 553851N0363322E	010601ZNOV11 010602ZNOV11	10
1	2	1	1011	560135N0353306E	010612ZNOV11	10

			1013	560243N0352714E	010613ZNOV11	
1	2	2	1014 1020	560806N0345907E 560907N0345344E	010618ZNOV11 010618ZNOV11	10
1	3	1	1018 1024	560911N0345433E 560841N0350015E	010624ZNOV11 010625ZNOV11	1B
1	3	2	1008 1010	560257N0360421E 560232N0360903E	010634ZNOV11 010634ZNOV11	10
1	5	1	998 1004	560718N0364957E 560810N0370556E	010640ZNOV11 010642ZNOV11	10
1	6	1	1003 1006	562005N0364721E 562258N0364244E	010648ZNOV11 010649ZNOV11	10
1	7	1	862 879	564109N0364741E 564418N0364837E	010653ZNOV11 010654ZNOV11	10
1	8	1	806 812	564002N0362237E 563849N0361544E	010659ZNOV11 010700ZNOV11	10
1	9	1	810 815	565044N0360024E 565506N0355500E	010704ZNOV11 010705ZNOV11	10
1	10	1	814 841	565428N0355252E 564454N0354054E	010711ZNOV11 010713ZNOV11	10
1	12	1	1031 1034	561455N0342416E 561658N0341524E	010729ZNOV11 010731ZNOV11	10
1	12	2	1039 1042	562546N0333801E 562639N0333411E	010736ZNOV11 010737ZNOV11	1B
1	13	1	1047 1049	561530N0324843E 561413N0324342E	010743ZNOV11 010744ZNOV11	10
1	15	1	855 861	562202N0314131E 562055N0312652E	010753ZNOV11 010755ZNOV11	10
1	15	2	860 866	561410N0300343E 561331N0295627E	010806ZNOV11 010807ZNOV11	10
1	16	1	871 873	561958N0285514E 562030N0285007E	010816ZNOV11 010817ZNOV11	10
1	17	1	1062 1065	560638N0300135E 560412N0301349E	010827ZNOV11 010829ZNOV11	10
1	17	2	1040 1043	551029N0341654E 550821N0342539E	010902ZNOV11 010903ZNOV11	1B
1	18	1	1039 1042	550830N0342350E 550833N0341910E	010908ZNOV11 010908ZNOV11	1B
1	18	2	1045 1049	550847N0335633E 550852N0335232E	010912ZNOV11 010912ZNOV11	1B
1	18	3	1045 1050	550845N0334353E 550843N0332946E	010913ZNOV11 010915ZNOV11	10

1	19	1	1048 1056	550108N0331842E 545709N0332451E	010924ZNOV11 010925ZNOV11	10
1	19	2	1050 1054	545349N0332957E 545045N0333439E	010926ZNOV11 010927ZNOV11	10
1	19	3	1048 1054	541655N0342516E 541413N0342913E	010937ZNOV11 010938ZNOV11	1B
1	20	1	850 855	541350N0342544E 541341N0341815E	010942ZNOV11 010943ZNOV11	1S
1	22	1	856 861	540838N0332324E 541050N0331330E	010951ZNOV11 010953ZNOV11	1B
1	22	2	860 864	542006N0323103E 542124N0322457E	010959ZNOV11 011000ZNOV11	1B
1	24	1	862 864	541947N0321935E 541809N0322326E	011004ZNOV11 011005ZNOV11	1S
1	25	1	852 857	533551N0335917E 532836N0335128E	011024ZNOV11 011026ZNOV11	1B
1	27	1	851 857	531739N0341746E 531211N0342600E	011031ZNOV11 011032ZNOV11	1B
1	28	1	1037 1050	530842N0345113E 530719N0350205E	011036ZNOV11 011038ZNOV11	1B
1	28	2	1031 1038	525936N0360015E 525854N0360521E	011047ZNOV11 011048ZNOV11	1B
1	30	1	832 842	535635N0361842E 535853N0361901E	011102ZNOV11 011103ZNOV11	1S
1	31	1	1031 1039	535438N0355519E 535338N0355013E	011107ZNOV11 011108ZNOV11	10
1	32	1	840 845	535608N0354620E 540335N0354605E	011112ZNOV11 011114ZNOV11	1B
1	33	1	838 842	540559N0354539E 540232N0354301E	011118ZNOV11 011119ZNOV11	1S
1	34	1	1031 1091	535115N0354114E 534706N0354958E	011122ZNOV11 011124ZNOV11	10
1	35	1	1038 1043	534539N0353222E 534551N0352700E	011128ZNOV11 011229ZNOV11	10
1	36	1	839 857	535605N0351337E 540034N0350801E	011133ZNOV11 011134ZNOV11	1S
1	37	1	839 846	540440N0353317E 540515N0353754E	011138ZNOV11 011139ZNOV11	1C
1	38	1	843 844	540928N0353937E 541215N0354013E	011140ZNOV11 011141ZNOV11	1S
1	39	1	838 850	545817N0361211E 550245N0361524E	011153ZNOV11 011155ZNOV11	1B

1	40	1	838 843	552001N0362753E 552252N0362946E	011159ZNOV11 011200ZNOV11	1S
1	40	2	833 839	553443N0363740E 553631N0363852E	011203ZNOV11 011204ZNOV11	1B
2	1	1	969 977	553650N0363942E 553740N0364514E	020556ZNOV11 020557ZNOV11	10
2	1	2	974 975	554026N0370343E 554105N0370806E	020600ZNOV11 020600ZNOV11	10
2	3	1	973 974	554919N0371548E 555245N0372315E	020603ZNOV11 020605ZNOV11	10
2	4	1	972 973	555612N0373218E 555934N0374244E	020606ZNOV11 020608ZNOV11	10
2	6	1	963 968	561150N0375830E 561355N0380319E	020612ZNOV11 020613ZNOV11	10
2	8	1	885 893	564028N0401645E 564235N0402707E	020633ZNOV11 020634ZNOV11	10
2	9	1	954 957	564721N0401321E 564904N0400750E	020637ZNOV11 020638ZNOV11	10
2	10	1	953 956	570511N0392356E 570851N0391348E	020645ZNOV11 020647ZNOV11	10
2	12	1	952 954	565612N0401512E 565302N0402452E	020700ZNOV11 020701ZNOV11	10
2	13	1	951 953	565119N0403347E 565739N0403225E	020706ZNOV11 020708ZNOV11	10
2	14	1	947 949	565832N0403654E 565807N0404428E	020712ZNOV11 020714ZNOV11	10
2	15	1	947 950	570134N0405553E 570436N0410100E	020715ZNOV11 020717ZNOV11	10
2	16	1	935 939	572404N0420303E 572643N0421150E	020726ZNOV11 020728ZNOV11	10
2	17	1	936 938	572108N0425947E 571950N0430914E	020735ZNOV11 020736ZNOV11	10
2	18	1	922 924	564151N0471358E 564030N0472613E	020810ZNOV11 020812ZNOV11	10
2	19	1	919 923	563913N0474901E 563836N0480555E	020815ZNOV11 020817ZNOV11	1B
2	20	1	919 924	563709N0482218E 563145N0480020E	020824ZNOV11 020828ZNOV11	1B
2	21	1	924 930	561155N0472912E 560802N0472851E	020835ZNOV11 020836ZNOV11	10
2	23	1	928	542558N0485423E	020907ZNOV11	10

			931	541950N0482651E	020912ZNOV11	
2	24	1	1230 1232	552607N0463132E 553022N0462420E	020936ZNOV11 020937ZNOV11	10
2	25	1	931 937	551848N0462127E 551503N0462051E	020941ZNOV11 020942ZNOV11	10
2	26	1	943 944	552316N0435655E 552353N0434530E	021003ZNOV11 021005ZNOV11	1B
2	27	1	945 946	553827N0432116E 554116N0431648E	021010ZNOV11 021011ZNOV11	10
2	28	1	942 942	554200N0434921E 554158N0435719E	021016ZNOV11 021017ZNOV11	1B
2	30	1	938 941	561249N0435501E 561730N0432436E	021028ZNOV11 021032ZNOV11	10
2	31	1	939 943	561910N0425819E 561639N0424943E	021036ZNOV11 021038ZNOV11	10
2	33	1	952 956	560522N0402711E 560819N0401649E	021059ZNOV11 021101ZNOV11	10
2	35	1	956 965	554932N0390142E 554852N0385427E	021113ZNOV11 021114ZNOV11	10
2	35	2	959 963	554704N0383510E 554626N0382835E	021116ZNOV11 021117ZNOV11	10
2	36	1	966 972	555204N0380616E 555316N0380144E	021121ZNOV11 021122ZNOV11	10
2	37	1	963 964	555046N0380007E 554846N0380125E	021123ZNOV11 021123ZNOV11	10
2	38	1	962 971	554328N0375751E 554153N0375302E	021125ZNOV11 021126ZNOV11	10
2	39	1	965 968	553758N0380157E 553652N0380542E	021128ZNOV11 021129ZNOV11	10
2	40	1	965 966	553525N0380853E 553158N0380956E	021133ZNOV11 021134ZNOV11	10
2	43	1	965 970	553812N0371202E 553736N0365836E	021144ZNOV11 021146ZNOV11	10
2	44	1	968 971	553656N0364428E 553643N0363937E	021148ZNOV11 021149ZNOV11	10

(3) SENSOR USED: PG-OF_-R3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	822 832	553656N0363815E 553851N0363322E	010601ZNOV11 010602ZNOV11	10

1	2	1	1011 1013	560135N0353306E 560243N0352714E	010612ZNOV11 010613ZNOV11	10
1	2	2	1014 1020	560806N0345907E 560907N0345344E	010618ZNOV11 010618ZNOV11	10
1	3	1	1018 1024	560911N0345433E 560841N0350015E	010624ZNOV11 010625ZNOV11	1B
1	3	2	1008 1010	560257N0360421E 560232N0360903E	010634ZNOV11 010634ZNOV11	10
1	5	1	998 1004	560718N0364957E 560810N0370556E	010640ZNOV11 010642ZNOV11	10
1	6	1	1003 1006	562005N0364721E 562258N0364244E	010648ZNOV11 010649ZNOV11	10
1	7	1	862 879	564109N0364741E 564418N0364837E	010653ZNOV11 010654ZNOV11	10
1	8	1	806 812	564002N0362237E 563849N0361544E	010659ZNOV11 010700ZNOV11	10
1	9	1	810 815	565044N0360024E 565506N0355500E	010704ZNOV11 010705ZNOV11	10
1	10	1	814 841	565428N0355252E 564454N0354054E	010711ZNOV11 010713ZNOV11	10
1	12	1	1031 1034	561455N0342416E 561658N0341524E	010729ZNOV11 010731ZNOV11	10
1	12	2	1039 1042	562546N0333801E 562639N0333411E	010736ZNOV11 010737ZNOV11	1B
1	13	1	1047 1049	561530N0324843E 561413N0324342E	010743ZNOV11 010744ZNOV11	10
1	15	1	855 861	562202N0314131E 562055N0312652E	010753ZNOV11 010755ZNOV11	10
1	15	2	860 866	561410N0300343E 561331N0295627E	010806ZNOV11 010807ZNOV11	10
1	16	1	871 873	561958N0285514E 562030N0285007E	010816ZNOV11 010817ZNOV11	10
1	17	1	1062 1065	560638N0300135E 560412N0301349E	010827ZNOV11 010829ZNOV11	10
1	17	2	1040 1043	551029N0341654E 550821N0342539E	010902ZNOV11 010903ZNOV11	1B
1	18	1	1039 1042	550830N0342350E 550833N0341910E	010908ZNOV11 010908ZNOV11	1B
1	18	2	1045 1049	550847N0335633E 550852N0335232E	010912ZNOV11 010912ZNOV11	1B
1	18	3	1045 1050	550845N0334353E 550843N0332946E	010913ZNOV11 010915ZNOV11	10

1	19	1	1048 1056	550108N0331842E 545709N0332451E	010924ZNOV11 010925ZNOV11	10
1	19	2	1050 1054	545349N0332957E 545045N0333439E	010926ZNOV11 010927ZNOV11	10
1	19	3	1048 1054	541655N0342516E 541413N0342913E	010937ZNOV11 010938ZNOV11	1B
1	20	1	850 855	541350N0342544E 541341N0341815E	010942ZNOV11 010943ZNOV11	1S
1	22	1	856 861	540838N0332324E 541050N0331330E	010951ZNOV11 010953ZNOV11	1B
1	22	2	860 864	542006N0323103E 542124N0322457E	010959ZNOV11 011000ZNOV11	1B
1	24	1	862 864	541947N0321935E 541809N0322326E	011004ZNOV11 011005ZNOV11	1S
1	25	1	852 857	533551N0335917E 532836N0335128E	011024ZNOV11 011026ZNOV11	1B
1	27	1	851 857	531739N0341746E 531211N0342600E	011031ZNOV11 011032ZNOV11	1B
1	28	1	1037 1050	530842N0345113E 530719N0350205E	011036ZNOV11 011038ZNOV11	1B
1	28	2	1031 1038	525936N0360015E 525854N0360521E	011047ZNOV11 011048ZNOV11	1B
1	30	1	832 842	535635N0361842E 535853N0361901E	011102ZNOV11 011103ZNOV11	1S
1	31	1	1031 1039	535438N0355519E 535338N0355013E	011107ZNOV11 011108ZNOV11	10
1	32	1	840 845	535608N0354620E 540335N0354605E	011112ZNOV11 011114ZNOV11	1B
1	33	1	838 842	540559N0354539E 540232N0354301E	011118ZNOV11 011119ZNOV11	1S
1	34	1	1031 1091	535115N0354114E 534706N0354958E	011122ZNOV11 011124ZNOV11	10
1	35	1	1038 1043	534539N0353222E 534551N0352700E	011128ZNOV11 011129ZNOV11	10
1	36	1	839 857	535605N0351337E 540034N0350801E	011133ZNOV11 011134ZNOV11	1S
1	37	1	839 846	540440N0353317E 540515N0353754E	011138ZNOV11 011139ZNOV11	1C
1	38	1	843 844	540928N0353937E 541215N0354013E	011140ZNOV11 011141ZNOV11	1S
1	39	1	838	545817N0361211E	011153ZNOV11	1B

			850	550245N0361524E	011155ZNOV11	
1	40	1	838 843	552001N0362753E 552252N0362946E	011159ZNOV11 011200ZNOV11	1S
1	40	2	833 839	553443N0363740E 553631N0363852E	011203ZNOV11 011204ZNOV11	1B
2	1	1	969 977	553650N0363942E 553740N0364514E	020556ZNOV11 020557ZNOV11	10
2	1	2	974 975	554026N0370343E 554105N0370806E	020600ZNOV11 020600ZNOV11	10
2	3	1	973 974	554919N0371548E 555245N0372315E	020603ZNOV11 020605ZNOV11	10
2	4	1	972 973	555612N0373218E 555934N0374244E	020606ZNOV11 020608ZNOV11	10
2	6	1	963 968	561150N0375830E 561355N0380319E	020612ZNOV11 020613ZNOV11	10
2	8	1	885 893	564028N0401645E 564235N0402707E	020633ZNOV11 020634ZNOV11	10
2	9	1	954 957	564721N0401321E 564904N0400750E	020637ZNOV11 020638ZNOV11	10
2	10	1	953 956	570511N0392356E 570851N0391348E	020645ZNOV11 020647ZNOV11	10
2	12	1	952 954	565612N0401512E 565302N0402452E	020700ZNOV11 020701ZNOV11	10
2	13	1	951 953	565119N0403347E 565739N0403225E	020706ZNOV11 020708ZNOV11	10
2	14	1	947 949	565832N0403654E 565807N0404428E	020712ZNOV11 020714ZNOV11	10
2	15	1	947 950	570134N0405553E 570436N0410100E	020715ZNOV11 020717ZNOV11	10
2	16	1	935 939	572404N0420303E 572643N0421150E	020726ZNOV11 020728ZNOV11	10
2	17	1	936 938	572108N0425947E 571950N0430914E	020735ZNOV11 020736ZNOV11	10
2	18	1	922 924	564151N0471358E 564030N0472613E	020810ZNOV11 020812ZNOV11	10
2	19	1	919 923	563913N0474901E 563836N0480555E	020815ZNOV11 020817ZNOV11	10
2	20	1	919 924	563709N0482218E 563145N0480020E	020824ZNOV11 020828ZNOV11	1B
2	21	1	924 930	561155N0472912E 560802N0472851E	020835ZNOV11 020836ZNOV11	10

2	23	1	928 931	542558N0485423E 541950N0482651E	020907ZNOV11 020912ZNOV11	10
2	24	1	1230 1232	552607N0463132E 553022N0462420E	020936ZNOV11 020937ZNOV11	10
2	25	1	931 937	551848N0462127E 551503N0462051E	020941ZNOV11 020942ZNOV11	10
2	26	1	943 944	552316N0435655E 552353N0434530E	021003ZNOV11 021005ZNOV11	1B
2	27	1	945 946	553827N0432116E 554116N0431648E	021010ZNOV11 021011ZNOV11	10
2	28	1	942 942	554200N0434921E 554158N0435719E	021016ZNOV11 021017ZNOV11	1B
2	30	1	938 941	561249N0435501E 561730N0432436E	021028ZNOV11 021032ZNOV11	10
2	31	1	939 943	561910N0425819E 561639N0424943E	021036ZNOV11 021038ZNOV11	10
2	33	1	952 956	560522N0402711E 560819N0401649E	021059ZNOV11 021101ZNOV11	10
2	35	1	956 965	554932N0390142E 554852N0385427E	021113ZNOV11 021114ZNOV11	10
2	35	2	959 963	554704N0383510E 554626N0382835E	021116ZNOV11 021117ZNOV11	10
2	36	1	966 972	555204N0380616E 555316N0380144E	021121ZNOV11 021122ZNOV11	10
2	37	1	963 964	555046N0380007E 554846N0380125E	021123ZNOV11 021123ZNOV11	10
2	38	1	962 971	554328N0375751E 554153N0375302E	021125ZNOV11 021126ZNOV11	10
2	39	1	965 968	553758N0380157E 553652N0380542E	021128ZNOV11 021129ZNOV11	10
2	40	1	965 966	553525N0380853E 553158N0380956E	021133ZNOV11 021134ZNOV11	10
2	43	1	965 970	553812N0371202E 553736N0365836E	021144ZNOV11 021146ZNOV11	10
2	44	1	968 971	553656N0364428E 553643N0363937E	021148ZNOV11 021149ZNOV11	10

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: NO

(3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: **NO**

(4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

PRE-FLIGHT-INSPECTION: OK
FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **LCOL BEAUCHAMP**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **021540ZNOV11**

6. REMARKS:
DURING THE OBSERVATION FLIGHT ON TRANSITION FROM LEG 9 TO LEG 10 OF SEGMENT 1, DUE TO MALFUNCTION OF THE NAVIGATIONAL SYSTEM THE PHOTOS WERE TAKEN WHEN THE OBSERVATION AIRCRAFT DEVIATED 900 METERS FROM THE ROUTE AXIS. THE DATA OBTAINED BY THE SENSORS DURING THAT PERIOD OF TIME IS TO BE DESTROYED AS AGREED TO BY THE PARTIES.

CANADA WOULD LIKE TO EXPRESS THANKS TO THE RUSSIAN FEDERATION TEAM FOR THEIR PROFESSIONALISM AND HOSPITALITY THROUGHOUT THE MISSION.

7. END OF OS MESSAGE NUMBER: **OS/CA/11/0057/F14/C**

OS FORMAT 14

PRECEDENCE: **ROUTINE**

FROM: **CANADA**

TO: **ALL STATES PARTIES**

INFO: **RUSSIAN FEDERATION**

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/11/0040/F14/O**
2. OS MESSAGE DATE AND TIME: **221926ZAUG11**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: **OS/CA/11/0032/F12/O**
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **OS1140**
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **081225ZAUG11**
- (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **C-130H**

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: **KUBINKA**
 - (i) ICAO DESIGNATOR: **UUMB**
 - (ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: **100550ZAUG11**
 - (c) LEGS OF THIS SEGMENT:
560911N, 0365149E
562431N, 0364207E
564905N, 0364900E
590410N, 0390503E
591356N, 0390750E
591403N, 0395728E
615858N, 0390955E

624127N, 0395714E
624900N, 0403657E
625811N, 0403116E
630615N, 0401719E
632018N, 0402756E
632951N, 0401504E
643615N, 0394520E
642207N, 0404622E
642530N, 0405518E
643520N, 0401544E
643607N, 0404534E
662639N, 0431743E
673240N, 0445222E
680906N, 0332812E

(d) LANDING AIRFIELD: **OLENYA**

(i) ICAO DESIGNATOR: **XLMO**

(ii) GEOGRAPHIC CO-ORDINATES:
680906N, 0332812E

(e) DATE AND TIME OF LANDING: **101107ZAUG11**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **OLENYA**

(i) ICAO DESIGNATOR: **XLMO**

(ii) GEOGRAPHIC CO-ORDINATES:
680906N, 0332812E

(b) DATE AND TIME OF TAKEOFF:

(c) LEGS OF THIS SEGMENT:

673239N, 0445222E
710023N, 0510626E
712554N, 0520716E
713946N, 0523009E
721708N, 0523814E
724854N, 0530138E
725209N, 0531049E
725627N, 0532301E
725048N, 0533341E
725400N, 0534138E
725605N, 0534855E
725837N, 0540155E
731332N, 0545500E
731645N, 0545337E
732621N, 0544211E
731537N, 0545927E
732434N, 0543628E
731352N, 0535749E
730422N, 0530148E
693814N, 0362017E
691850N, 0351613E
690040N, 0345052E
680851N, 0334505E
680906N, 0332812E

(d) LANDING AIRFIELD: **OLENYA**

- (i) ICAO DESIGNATOR: **XLMO**
- (ii) GEOGRAPHIC CO-ORDINATES:
680906N, 0332812E
- (e) DATE AND TIME OF LANDING:
- (3) FLIGHT SEGMENT NUMBER: **3**
 - (a) DEPARTURE AIRFIELD: **OLENYA**
 - (i) ICAO DESIGNATOR: **XLMO**
 - (ii) GEOGRAPHIC CO-ORDINATES:
680906N, 0332812E
 - (b) DATE AND TIME OF TAKEOFF: **120530ZAUG11**
 - (c) LEGS OF THIS SEGMENT:
684324N, 0323908E
684958N, 0325016E
685429N, 0330442E
690321N, 0330123E
690531N, 0332952E
691725N, 0332333E
691307N, 0331426E
692352N, 0324532E
692254N, 0323135E
692702N, 0321444E
693103N, 0311702E
693404N, 0311120E
692909N, 0310911E
692244N, 0305502E
674541N, 0302925E
672823N, 0302613E
665700N, 0302000E
665825N, 0300020E
665050N, 0301404E
631118N, 0341616E
625722N, 0343651E
621821N, 0341907E
620900N, 0341542E
620051N, 0341807E
615115N, 0340655E
593649N, 0354746E
592022N, 0355851E
583707N, 0361840E
571404N, 0360258E
565524N, 0360128E
564708N, 0353708E
564453N, 0354517E
563914N, 0362010E
555821N, 0360502E
552821N, 0362136E
551225N, 0363802E
553642N, 0363900E
 - (d) LANDING AIRFIELD: **KUBINKA**
 - (i) ICAO DESIGNATOR: **UUMB**

(ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900

(e) DATE AND TIME OF LANDING: **121058ZAUG11**

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: **3688 KM**

D. OBSERVATION PERIODS

(1) SENSOR USED: **PG-OF__-L3F**

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	840 842	553700N0363917E 554256N0364114E	100554ZAUG11 061741ZAUG11	1O
1	1	2	826 851	555334N0364541E 555811N0364729E	100559ZAUG11 100559ZAUG11	1B
1	1	3	845 863	560624N0365042E 560842N0365136E	100602ZAUG11 100603ZAUG11	1O
1	2	1	862 865	561707N0364647E 562351N0364230E	100605ZAUG11 100607ZAUG11	1O
1	3	1	867 885	563926N0364615E 564702N0364819E	100611ZAUG11 100613ZAUG11	1S
1	5	1	845 888	590700N0390623E 591320N0390737E	100653ZAUG11 100655ZAUG11	1S
1	6	1	854 894	591401N0392843E 591403N0395709E	100658ZAUG11 100701ZAUG11	1B
1	7	1	1077 1096	591450N0395707E 592027N0395543E	100707ZAUG11 100708ZAUG11	1B
1	8	1	859 873	620226N0391337E 621014N0392210E	100749ZAUG11 100751ZAUG11	1C
1	8	2	850 870	623353N0394836E 623846N0395408E	100758ZAUG11 100800ZAUG11	1C
1	9	1	851 866	624425N0401223E 624855N0403625E	100802ZAUG11 100805ZAUG11	1C
1	10	1	849 859	624906N0403645E 625748N0403126E	100810ZAUG11 100812ZAUG11	1C
1	11	1	848 855	630257N0402308E 630554N0401740E	100814ZAUG11 100815ZAUG11	1C
1	13	1	840 849	632238N0402445E 632948N0401503E	100819ZAUG11 100822ZAUG11	1C
1	14	1	818 823	643137N0394721E 643559N0394518E	100837ZAUG11 100838ZAUG11	1C
1	15	1	820 824	643601N0394609E 643411N0395429E	100844ZAUG11 100845ZAUG11	1C

1	15	2	822 835	642731N0402303E 642622N0402834E	100848ZAUG11 100848ZAUG11	1C
1	15	3	824 834	642458N0403419E 642214N0404553E	100849ZAUG11 100851ZAUG11	1C
1	17	1	813 834	642549N0405406E 643441N0401753E	100857ZAUG11 100901ZAUG11	1B
1	18	1	820 840	643537N0402505E 643608N0404545E	100908ZAUG11 100910ZAUG11	1O
1	19	1	815 820	662334N0431309E 662618N0431713E	100940ZAUG11 100942ZAUG11	1O
3	2	1	851 858	684613N0324359E 684943N0324947E	120542ZAUG11 120543ZAUG11	1O
3	3	1	855 857	685130N0325518E 685430N0330443E	120543ZAUG11 120544ZAUG11	1O
3	4	1	852 856	685437N0330435E 690310N0330123E	120549ZAUG11 120551ZAUG11	1O
3	5	1	850 858	690328N0330328E 690530N0333019E	120556ZAUG11 120558ZAUG11	1B
3	6	1	846 852	691016N0332717E 691657N0332343E	120603ZAUG11 120604ZAUG11	1B
3	7	1	850 856	691702N0332330E 691313N0331442E	120609ZAUG11 120610ZAUG11	1B
3	8	1	853 855	692217N0324944E 692349N0324533E	120614ZAUG11 120614ZAUG11	1O
3	10	1	855 859	692318N0322946E 692643N0321500E	120621ZAUG11 120623ZAUG11	1B
3	11	1	1156 1156	693040N0312259E 693059N0311743E	120627ZAUG11 120627ZAUG11	1B
3	12	1	858 863	693124N0311618E 693345N0311127E	120633ZAUG11 120633ZAUG11	1B
3	14	1	859 862	692725N0310522E 692311N0305605E	120639ZAUG11 120640ZAUG11	1B
3	16	1	1153 1167	673629N0302745E 673103N0302646E	120704ZAUG11 120705ZAUG11	1O
3	17	1	1165 1176	670045N0302045E 665722N0302006E	120713ZAUG11 120713ZAUG11	1O
3	18	1	1159 1164	665754N0300733E 665817N0300044E	120715ZAUG11 120716ZAUG11	1B
3	19	1	1167 1169	665308N0301000E 665102N0301307E	120718ZAUG11 120719ZAUG11	1S
3	20	1	862	655014N0312844E	120735ZAUG11	1C

			872	654755N0313119E	120736ZAUG11	
3	21	1	891 904	630811N0342123E 630451N0342550E	120819ZAUG11 120821ZAUG11	1C
3	21	2	893 915	630012N0343232E 625719N0343644E	120822ZAUG11 120823ZAUG11	1C
3	22	1	901 906	625120N0343359E 624807N0343234E	120825ZAUG11 120826ZAUG11	1C
3	23	1	905 920	621633N0341829E 620925N0341553E	120833ZAUG11 120835ZAUG11	1S
3	25	1	909 918	615800N0341520E 615202N0340752E	120838ZAUG11 120840ZAUG11	1C
3	27	1	938 947	592913N0355257E 592141N0355759E	120919ZAUG11 120921ZAUG11	1B
3	28	1	940 951	591201N0360256E 590610N0360354E	120923ZAUG11 120924ZAUG11	1C
3	28	2	948 958	584122N0361646E 583822N0361807E	120931ZAUG11 120932ZAUG11	1C
3	29	1	948 961	572324N0360442E 571759N0360342E	120951ZAUG11 120952ZAUG11	1C
3	31	1	952 967	565401N0355725E 564841N0354133E	120958ZAUG11 121001ZAUG11	1C
3	32	1	962 968	564611N0354037E 564503N0354442E	121007ZAUG11 121008ZAUG11	1C
3	33	1	953 965	564012N0361414E 563919N0361936E	121012ZAUG11 121012ZAUG11	1C
3	34	1	1272 1278	563230N0361754E 562809N0361606E	121014ZAUG11 121016ZAUG11	1C
3	34	2	1266 1284	560439N0360721E 555855N0360525E	121022ZAUG11 121023ZAUG11	1C
3	36	1	962 976	552333N0362634E 551242N0363744E	121032ZAUG11 121035ZAUG11	1C
3	37	1	959 972	553230N0363847E 553647N0363858E	121045ZAUG11 121047ZAUG11	1C

(2) SENSOR USED: PG-OF__-V3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	840 842	553700N0363917E 554256N0364114E	100554ZAUG11 100556ZAUG11	1O
1	1	2	826 851	555334N0364541E 555811N0364729E	100559ZAUG11 100600ZAUG11	1B

1	1	3	845 863	560624N0365042E 560842N0365136E	100602ZAUG11 1O 100603ZAUG11
1	2	1	862 865	561707N0364647E 562351N0364230E	100605ZAUG11 1O 100607ZAUG11
1	3	1	867 885	563926N0364615E 564702N0364819E	100611ZAUG11 1S 100613ZAUG11
1	5	1	845 888	590700N0390623E 591320N0390737E	100653ZAUG11 1S 100655ZAUG11
1	6	1	854 894	591401N0392843E 591403N0395709E	100658ZAUG11 1B 100701ZAUG11
1	7	1	1077 1096	591450N0395707E 592027N0395543E	100707ZAUG11 1B 100708ZAUG11
1	8	1	859 873	620226N0391337E 621014N0392210E	100749ZAUG11 1C 100751ZAUG11
1	8	2	850 870	623353N0394836E 623846N0395408E	100758ZAUG11 1C 100800ZAUG11
1	9	1	851 866	624425N0401223E 624855N0403625E	100802ZAUG11 1C 100805ZAUG11
1	10	1	849 859	624906N0403645E 625748N0403126E	100810ZAUG11 1C 100812ZAUG11
1	11	1	848 855	630257N0402308E 630554N0401740E	100814ZAUG11 1C 100815ZAUG11
1	13	1	840 849	632238N0402445E 632948N0401503E	100819ZAUG11 1C 100822ZAUG11
1	14	1	818 823	643137N0394721E 643559N0394518E	100837ZAUG11 1C 100838ZAUG11
1	15	1	820 824	643601N0394609E 643411N0395429E	100844ZAUG11 1C 100845ZAUG11
1	15	2	822 835	642731N0402303E 642622N0402834E	100848ZAUG11 1C 100848ZAUG11
1	15	3	824 834	642458N0403419E 642214N0404553E	100849ZAUG11 1C 100851ZAUG11
1	17	1	813 834	642549N0405406E 643441N0401753E	100857ZAUG11 1B 100901ZAUG11
1	18	1	820 840	643537N0402505E 643608N0404545E	100908ZAUG11 1O 100910ZAUG11
1	19	1	815 820	662334N0431309E 662618N0431713E	100940ZAUG11 1O 100942ZAUG11
3	2	1	851 858	684613N0324359E 684943N0324947E	120542ZAUG11 1O 120543ZAUG11
3	3	1	855 857	685130N0325518E 685430N0330443E	120543ZAUG11 1O 120544ZAUG11

3	4	1	852 856	685437N0330435E 690310N0330123E	120549ZAUG11 120551ZAUG11	1O
3	5	1	850 858	690328N0330328E 690530N0333019E	120556ZAUG11 120558ZAUG11	1B
3	6	1	846 852	691016N0332717E 691657N0332343E	120603ZAUG11 120604ZAUG11	1B
3	7	1	850 856	691702N0332330E 691313N0331442E	120609ZAUG11 120610ZAUG11	1B
3	8	1	853 855	692217N0324944E 692349N0324533E	120614ZAUG11 120614ZAUG11	1O
3	10	1	855 859	692318N0322946E 692643N0321500E	120621ZAUG11 120623ZAUG11	1B
3	11	1	1156 1156	693040N0312259E 693059N0311743E	120627ZAUG11 120627ZAUG11	1B
3	12	1	858 863	693124N0311618E 693345N0311127E	120633ZAUG11 120633ZAUG11	1B
3	14	1	859 862	692725N0310522E 692311N0305605E	120639ZAUG11 120640ZAUG11	1B
3	16	1	1153 1167	673629N0302745E 673103N0302646E	120704ZAUG11 120705ZAUG11	1O
3	17	1	1165 1176	670045N0302045E 665722N0302006E	120713ZAUG11 120713ZAUG11	1O
3	18	1	1159 1164	665754N0300733E 665817N0300044E	120715ZAUG11 120716ZAUG11	1B
3	19	1	1167 1169	665308N0301000E 665102N0301307E	120718ZAUG11 120719ZAUG11	1S
3	20	1	862 872	655014N0312844E 654755N0313119E	120735ZAUG11 120736ZAUG11	1C
3	21	1	891 904	630811N0342123E 630451N0342550E	120819ZAUG11 120821ZAUG11	1C
3	21	2	893 915	630012N0343232E 625719N0343644E	120822ZAUG11 120823ZAUG11	1C
3	22	1	901 906	625120N0343359E 624807N0343234E	120825ZAUG11 120826ZAUG11	1C
3	23	1	905 920	621633N0341829E 620925N0341553E	120833ZAUG11 120835ZAUG11	1S
3	25	1	909 918	615800N0341520E 615202N0340752E	120838ZAUG11 120840ZAUG11	1C
3	27	1	938 947	592913N0355257E 592141N0355759E	120919ZAUG11 120921ZAUG11	1B
3	28	1	940	591201N0360256E	120923ZAUG11	1C

			951	590610N0360354E	120924ZAUG11	
3	28	2	948 958	584122N0361646E 583822N0361807E	120931ZAUG11 120932ZAUG11	1C
3	29	1	948 961	572324N0360442E 571759N0360342E	120951ZAUG11 120952ZAUG11	1C
3	31	1	952 967	565401N0355725E 564841N0354133E	120958ZAUG11 121001ZAUG11	1C
3	32	1	962 968	564611N0354037E 564503N0354442E	121007ZAUG11 121008ZAUG11	1C
3	33	1	953 965	564012N0361414E 563919N0361936E	121012ZAUG11 121012ZAUG11	1C
3	34	1	1272 1278	563230N0361754E 562809N0361606E	121014ZAUG11 121016ZAUG11	1C
3	34	2	1266 1284	560439N0360721E 555855N0360525E	121022ZAUG11 121023ZAUG11	1C
3	36	1	962 976	552333N0362634E 551242N0363744E	121032ZAUG11 121035ZAUG11	1C
3	37	1	959 972	553230N0363847E 553647N0363858E	121045ZAUG11 121047ZAUG11	1C

(3) SENSOR USED: PG-OF__R3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	840 842	553700N0363917E 554256N0364114E	100554ZAUG11 050641ZAUG11	1O
1	1	2	826 851	555334N0364541E 555811N0364729E	100559ZAUG11 100600ZAUG11	1B
1	1	3	851 863	560624N0365042E 560842N0365136E	100602ZAUG11 100603ZAUG11	1O
1	2	1	862 865	561707N0364647E 562351N0364230E	100605ZAUG11 100607ZAUG11	1O
1	3	1	867 885	563926N0364615E 564702N0364819E	100611ZAUG11 100613ZAUG11	1S
1	5	1	845 888	590700N0390623E 591320N0390737E	100653ZAUG11 100655ZAUG11	1S
1	6	1	854 894	591401N0392843E 591403N0395709E	100658ZAUG11 100701ZAUG11	1B
1	7	1	1077 1096	591450N0395707E 592027N0395543E	100707ZAUG11 100708ZAUG11	1B
1	8	1	859 873	620226N0391337E 621014N0392210E	100749ZAUG11 100751ZAUG11	1C

1	8	2	850 870	623353N0394836E 623846N0395408E	100758ZAUG11 100800ZAUG11	1C
1	9	1	851 866	624425N0401223E 624855N0403625E	100802ZAUG11 100805ZAUG11	1C
1	10	1	849 859	624906N0403645E 625748N0403126E	100810ZAUG11 100812ZAUG11	1C
1	11	1	848 855	630257N0402308E 630554N0401740E	100814ZAUG11 100815ZAUG11	1C
1	13	1	840 849	632238N0402445E 632948N0401503E	100819ZAUG11 100822ZAUG11	1C
1	14	1	818 823	643137N0394721E 643559N0394518E	100837ZAUG11 100838ZAUG11	1C
1	15	1	820 824	643601N0394609E 643411N0395429E	100844ZAUG11 100845ZAUG11	1C
1	15	2	822 835	642731N0402303E 642622N0402834E	100848ZAUG11 100848ZAUG11	1C
1	15	3	824 834	642458N0403419E 642214N0404553E	100849ZAUG11 100851ZAUG11	1C
1	17	1	813 834	642549N0405406E 643441N0401753E	100857ZAUG11 100901ZAUG11	1B
1	18	1	820 840	643537N0402505E 643608N0404545E	100908ZAUG11 100910ZAUG11	1O
1	19	1	815 820	662334N0431309E 662618N0431713E	100940ZAUG11 100942ZAUG11	1O
3	2	1	851 858	684613N0324359E 684943N0324947E	120542ZAUG11 120543ZAUG11	1O
3	3	1	855 857	685130N0325518E 685430N0330443E	120543ZAUG11 120544ZAUG11	1O
3	4	1	852 856	685437N0330435E 690310N0330123E	120549ZAUG11 120551ZAUG11	1O
3	5	1	850 858	690328N0330328E 690530N0333019E	120556ZAUG11 120558ZAUG11	1B
3	6	1	846 852	691016N0332717E 691657N0332343E	120603ZAUG11 120604ZAUG11	1B
3	7	1	850 856	691702N0332330E 691313N0331442E	120609ZAUG11 120610ZAUG11	1B
3	8	1	853 855	692217N0324944E 692349N0324533E	120614ZAUG11 120614ZAUG11	1O
3	10	1	855 859	692318N0322946E 692643N0321500E	120621ZAUG11 120623ZAUG11	1B
3	11	1	1156 1156	693040N0312259E 693059N0311743E	120627ZAUG11 120627ZAUG11	1B

3	12	1	858 863	693124N0311618E 693345N0311127E	120633ZAUG11 1B 120633ZAUG11
3	14	1	859 862	692725N0310522E 692311N0305605E	120639ZAUG11 1B 120640ZAUG11
3	16	1	1153 1167	673629N0302745E 673103N0302646E	120704ZAUG11 1O 120705ZAUG11
3	17	1	1165 1176	670045N0302045E 665722N0302006E	120713ZAUG11 1O 120713ZAUG11
3	18	1	1159 1164	665754N0300733E 665817N0300044E	120715ZAUG11 1B 120716ZAUG11
3	19	1	1167 1169	665308N0301000E 665102N0301307E	120718ZAUG11 1S 120719ZAUG11
3	20	1	862 872	655014N0312844E 654755N0313119E	120735ZAUG11 1C 120736ZAUG11
3	21	1	891 904	630811N0342123E 630451N0342550E	120819ZAUG11 1C 120821ZAUG11
3	21	2	893 915	630012N0343232E 625719N0343644E	120822ZAUG11 1C 120823ZAUG11
3	22	1	901 906	625120N0343359E 624807N0343234E	120825ZAUG11 1C 120826ZAUG11
3	23	1	905 920	621633N0341829E 620925N0341553E	120833ZAUG11 1S 120835ZAUG11
3	25	1	909 918	615800N0341520E 615202N0340752E	120838ZAUG11 1C 120840ZAUG11
3	27	1	938 947	592913N0355257E 592141N0355759E	120919ZAUG11 1B 120921ZAUG11
3	28	1	940 951	591201N0360256E 590610N0360354E	120923ZAUG11 1C 120924ZAUG11
3	28	2	948 958	584122N0361646E 583822N0361807E	120931ZAUG11 1C 120932ZAUG11
3	29	1	948 961	572324N0360442E 571759N0360342E	120951ZAUG11 1C 120952ZAUG11
3	31	1	952 967	565401N0355725E 564841N0354133E	120958ZAUG11 1C 121001ZAUG11
3	32	1	962 968	564611N0354037E 564503N0354442E	121007ZAUG11 1C 121008ZAUG11
3	33	1	953 965	564012N0361414E 563919N0361936E	121012ZAUG11 1C 121012ZAUG11
3	34	1	1272 1278	563230N0361754E 562809N0361606E	121014ZAUG11 1C 121016ZAUG11
3	34	2	1266	560439N0360721E	121022ZAUG11 1C

			1284	555855N0360525E	121023ZAUG11	
3	36	1	962	552333N0362634E	121032ZAUG11	1C
			976	551242N0363744E	121035ZAUG11	
3	37	1	959	553230N0363847E	121045ZAUG11	1C
			972	553647N0363858E	121047ZAUG11	

(4) SENSOR USED: PG-OP__-P3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	5	1	845 888	590700N0390623E 591320N0390737E	100653ZAUG11 100655ZAUG11	1S
1	10	1	849 859	624906N0403645E 625748N0403126E	100810ZAUG11 100812ZAUG11	1C
1	14	1	818 823	643137N0394721E 643559N0394518E	100837ZAUG11 100838ZAUG11	1C
1	17	1	813 834	642549N0405406E 643441N0401753E	100857ZAUG11 100901ZAUG11	1B
1	18	1	820 842	643537N0402505E 643608N0404545E	100908ZAUG11 100910ZAUG11	1O

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: **YES**
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: **YES**
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

- (1) **PRE-FLIGHT INSPECTION: OK**
- (2) **FILM PROCESSED BY CANADA**

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJ D.G. MASNYK**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **121520ZAUG11**

6. REMARKS:

A. OBSERVATION MISSION PLANNED A NON-IMAGING TRANSIT LEG FROM POINT 673240N0445222E (END OF SEGMENT 1) TO 680906N0332812E (XLMO) ON 10 AUG 11. THIS DISTANCE IS NOT INCLUDED IN THE FLIGHT DISTANCE FLOWN.

B. OBSERVATION MISSION PLANNED A NON-IMAGING TRANSIT LEG FROM POINT 680906N0332812E (XLMO) TO 673240N0445222E (BEGINNING OF SEGMENT 2). THIS DISTANCE IS NOT INCLUDED IN THE FLIGHT DISTANCE FLOWN.

C. DUE TO UNSUITABLE WEATHER, SEGMENT TWO WAS NOT FLOWN.

D. CANADA THANKS THE RUSSIAN FEDERATION FOR THEIR SUPPORT IN ENSURING A VERY SUCCESSFUL AND SAFE OBSERVATION MISSION.

NOTE: THE FIRST CAMERA EVENT "END COORDINATES" FOR THE LEFT, RIGHT AND VERTICAL CAMERAS WAS INCORRECT IN THE ORIGINAL, SIGNED F-14, AND HAS BEEN CORRECTED IN THIS DOCUMENT

7. END OF OS MESSAGE NUMBER: OS/CA/11/0040/F14/O

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO:

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/11/0015/F14/O**
2. OS MESSAGE DATE AND TIME: **181900ZMAY11**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: **OS/CA/11/0011/F12/O**
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **BELARUS/RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **OS1137**
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **031206ZMAY11**
- (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **C130H**

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: **KUBINKA**
 - (i) ICAO DESIGNATOR: **UUMB**
 - (ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: **050550ZMAY11**
 - (c) LEGS OF THIS SEGMENT:
 - 1, **552356N0362455E**
 - 2, **550503N0364633E**
 - 3, **551000N0371649E**
 - 4, **545053N0371053E**
 - 5, **541312N0373714E**
 - 6, **541132N0371548E**
 - 7, **535730N0355529E**

8, 534021N0354153E
9, 534923N0352031E
10, 541211N0345507E
11, 541818N0343203E
12, 541104N0341645E
13, 542215N0323606E
14, 541636N0321203E
15, 534827N0314735E
16, 523603N0304704E
17, 522825N0311137E
18, 522337N0303641E
19, 530749N0290907E
20, 531954N0285408E
21, 531653N0283551E
22, 531300N0260222E
23, 530417N0260249E
24, 531008N0255420E
25, 530426N0251651E
26, 524845N0244702E
27, 523517N0250800E
28, 523307N0244846E
29, 515012N0235107E
30, 520718N0234143E
31, 523414N0235228E
32, 525022N0240604E
33, 532019N0242309E
34, 533355N0240946E
35, 533808N0235416E
36, 534252N0234541E
37, 534948N0233311E
38, 541959N0221041E
39, 543356N0222200E
40, 543941N0215509E
41, 543808N0214233E
42, 543202N0211648E
43, 543119N0205228E
44, 543937N0204503E
45, 544209N0202130E
46, 544741N0200249E
47, 543430N0195449E
48, 543521N0195156E
49, 544802N0195946E
50, 545318N0200547E
51, 544950N0202317E
52, 545007N0203618E
53, 545324N0203542E

(d) LANDING AIRFIELD: **KALININGRAD**

(i) ICAO DESIGNATOR: **UMKK**

(ii) GEOGRAPHIC CO-ORDINATES:
545324N, 0203542E

(e) DATE AND TIME OF LANDING: **051115ZMAY11**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **KALININGRAD**

(i) ICAO DESIGNATOR: **UMKK**

(ii) GEOGRAPHIC CO-ORDINATES:
545324N, 0203542E

(b) DATE AND TIME OF TAKEOFF: **060620ZMAY11**

(c) LEGS OF THIS SEGMENT:

1, 545742N0201417E
2, 544905N0200048E
3, 543539N0195116E
4, 543617N0195512E
5, 544729N0200158E
6, 543711N0205121E
7, 542630N0210327E
8, 543816N0211838E
9, 543922N0220833E
10, 543343N0221242E
11, 542000N0221039E
12, 534948N0233311E
13, 533833N0234705E
14, 535308N0252737E
15, 534041N0273818E
16, 535428N0272952E
17, 535823N0275430E
18, 541257N0282233E
19, 541423N0283927E
20, 544945N0285955E
21, 550240N0284416E
22, 554030N0283238E
23, 552812N0285828E
24, 553845N0295516E
25, 552145N0295511E
26, 550522N0302616E
27, 555221N0301247E
28, 561044N0300730E
29, 562132N0284238E
30, 571223N0282331E
31, 572607N0282838E
32, 573838N0282012E
33, 574821N0282343E
34, 574829N0281346E
35, 580512N0301040E
36, 581014N0302543E
37, 580332N0302400E
38, 585013N0294529E
39, 600554N0294553E
40, 601819N0303936E
41, 594707N0302251E
42, 600517N0301254E

(d) LANDING AIRFIELD: **LEVASHOVO**

(i) ICAO DESIGNATOR: **XLLV**

(ii) GEOGRAPHIC CO-ORDINATES:
600518N, 0301254E

(e) DATE AND TIME OF LANDING: **061123ZMAY11**

(3) FLIGHT SEGMENT NUMBER: **3**

(a) DEPARTURE AIRFIELD: **LEVASHOVO**

- (i) ICAO DESIGNATOR: **XLLV**
- (ii) GEOGRAPHIC CO-ORDINATES:
600518N, 0301254E

(b) DATE AND TIME OF TAKEOFF: **070753ZMAY11**

(c) LEGS OF THIS SEGMENT:
1, 553642N0363900E

(d) LANDING AIRFIELD: **KUBINKA**

- (i) ICAO DESIGNATOR: **UUMB**
- (ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E

(e) DATE AND TIME OF LANDING: **070932ZMAY11**

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: **4890**

D. OBSERVATION PERIODS

(1) SENSOR USED: **PG-OF__-L3F**

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	806 826	553629N0363840E 552951N0363121E	050555ZMAY11 050557ZMAY11	0C
1	2	1	834 844	552017N0362908E 551102N0363947E	050600ZMAY11 050603ZMAY11	0C
1	3	1	847 850	550905N0371114E 550950N0371552E	050608ZMAY11 050609ZMAY11	0C
1	3	2	858 858	550711N0371923E 550711N0371923E	050611ZMAY11 050611ZMAY11	0C
1	4	1	846 849	550027N0371348E 545759N0371304E	050612ZMAY11 050613ZMAY11	0C
1	5	1	921 947	541636N0373457E 541407N0373639E	050624ZMAY11 050625ZMAY11	0C
1	6	1	974 995	541307N0373611E 541244N0373127E	050629ZMAY11 050630ZMAY11	0C
1	8	1	934 993	535419N0355255E 534540N0354603E	050645ZMAY11 050648ZMAY11	1C
1	9	1	930 953	534548N0352859E 534646N0352641E	050651ZMAY11 050651ZMAY11	0C
1	12	1	919 985	541702N0342928E 541209N0341900E	050703ZMAY11 050705ZMAY11	10
1	14	1	877 892	542033N0322845E 541806N0321819E	050722ZMAY11 050724ZMAY11	10

1	16	1	855 861	534438N0314416E 534222N0314219E	050734ZMAY11 050734ZMAY11	1C
1	17	1	833 833	523500N0304924E 523500N0304924E	050753ZMAY11 050753ZMAY11	0C
1	17	2	865 890	523212N0305931E 523043N0310420E	050756ZMAY11 050800ZMAY11	0C
1	18	1	856 890	522645N0305912E 522352N0303835E	050800ZMAY11 050804ZMAY11	1O
1	19	1	874 892	530536N0291337E 530700N0291045E	050820ZMAY11 050820ZMAY11	1O
1	20	1	849 882	530912N0290710E 531113N0290454E	050821ZMAY11 050822ZMAY11	1B
1	21	1	833 844	531905N0284928E 531707N0283716E	050825ZMAY11 050827ZMAY11	1B
1	22	1	809 848	531645N0283000E 531634N0281638E	050828ZMAY11 050830ZMAY11	1S
1	23	1	867 879	530853N0260235E 530412N0260251E	050849ZMAY11 050850ZMAY11	0C
1	24	1	853 877	530450N0260158E 530945N0255452E	050855ZMAY11 050856ZMAY11	0C
1	25	1	834 840	530529N0252343E 530433N0251739E	050901ZMAY11 050902ZMAY11	0C
1	27	1	847 868	524703N0244944E 524309N0245549E	050909ZMAY11 050910ZMAY11	0C
1	27	2	847 882	523800N0250348E 523600N0250651E	050912ZMAY11 050912ZMAY11	0C
1	28	1	849 869	523402N0245650E 523317N0245017E	050914ZMAY11 050915ZMAY11	0C
1	30	1	841 880	525227N0234954E 520242N0234413E	050931ZMAY11 050934ZMAY11	0C
1	32	1	851 884	523727N0235509E 524037N0235749E	050942ZMAY11 050943ZMAY11	1C
1	33	1	855 878	531653N0242109E 531929N0242239E	050952ZMAY11 050952ZMAY11	1C
1	35	1	814 814	533528N0240404E 533640N0235941E	050958ZMAY11 050958ZMAY11	1C
1	36	1	836 840	533948N0235115E 534132N0234806E	051000ZMAY11 051000ZMAY11	1C
1	40	1	873 890	543539N0221356E 543638N0220923E	051024ZMAY11 051025ZMAY11	1C
1	40	2	868 904	543849N0215912E 543928N0215608E	051026ZMAY11 051027ZMAY11	0C

1	41	1	906 926	543858N0214921E 543817N0214351E	051028ZMAY11 051029ZMAY11	0C
1	43	1	909 918	543151N0211051E 543147N0210837E	051034ZMAY11 051034ZMAY11	1C
1	43	2	869 907	543130N0205856E 543121N0205402E	051035ZMAY11 051036ZMAY11	1C
1	45	1	919 948	544014N0203900E 544212N0202056E	051040ZMAY11 051042ZMAY11	0C
1	47	1	911 945	544701N0200219E 543638N0195603E	051049ZMAY11 051052ZMAY11	0C
1	51	1	861 868	545040N0201909E 545004N0202210E	051100ZMAY11 051101ZMAY11	1C
1	52	1	895 918	544952N0202631E 545004N0203422E	051101ZMAY11 051102ZMAY11	1C
1	53	1	918 931	545108N0203606E 545345N0203537E	051108ZMAY11 051108ZMAY11	0C
2	1	1	941 952	545336N0203432E 545430N0203007E	060627ZMAY11 060627ZMAY11	1B
2	1	2	941 970	545620N0202102E 545727N0201528E	060629ZMAY11 060630ZMAY11	1C
2	3	1	906 985	544637N0195901E 543545N0195119E	060634ZMAY11 060636ZMAY11	1C
2	6	1	941 972	544235N0202549E 543942N0203935E	060645ZMAY11 060647ZMAY11	1C
2	7	1	904 919	543313N0205554E 543047N0205840E	060650ZMAY11 060651ZMAY11	1O
2	8	1	919 946	543103N0210917E 543343N0211240E	060653ZMAY11 060654ZMAY11	1O
2	9	1	898 932	543856N0214614E 543913N0220013E	060659ZMAY11 060701ZMAY11	1C
2	10	1	900 910	543637N0221041E 543432N0221212E	060703ZMAY11 060704ZMAY11	1S
2	13	1	806 810	534012N0234505E 533849N0234647E	060725ZMAY11 060725ZMAY11	0C
2	14	1	880 894	535157N0251900E 535251N0252527E	060739ZMAY11 060740ZMAY11	1C
2	16	1	808 809	534503N0273536E 534832N0273328E	060801ZMAY11 060801ZMAY11	1C
2	17	1	812 812	535609N0274024E 535733N0274909E	060804ZMAY11 060806ZMAY11	1C
2	19	1	822	541324N0282748E	060812ZMAY11	1C

			863	541349N0283240E	060813ZMAY11	
2	21	1	838 883	545246N0285615E 545936N0284758E	060824ZMAY11 060826ZMAY11	1C
2	22	1	855 888	552932N0283600E 553914N0283248E	060834ZMAY11 060836ZMAY11	1C
2	23	1	860 883	553735N0283844E 553136N0285124E	060839ZMAY11 060841ZMAY11	1B
2	25	1	885 914	553356N0295512E 552814N0295515E	060851ZMAY11 060853ZMAY11	1B
2	26	1	873 965	551307N0301141E 550700N0302313E	060857ZMAY11 060900ZMAY11	1B
2	28	1	886 902	560317N0300936E 560655N0300833E	060916ZMAY11 060917ZMAY11	1O
2	29	1	888 915	561956N0285534E 562040N0284934E	060928ZMAY11 060929ZMAY11	1C
2	31	1	873 896	571644N0282503E 571948N0282612E	060944ZMAY11 060945ZMAY11	0C
2	33	1	893 921	574218N0282126E 574801N0282333E	060950ZMAY11 060952ZMAY11	1C
2	34	1	911 924	574823N0282231E 574829N0281511E	060957ZMAY11 060958ZMAY11	1S
2	36	1	906 916	580736N0301749E 580900N0302157E	061016ZMAY11 061016ZMAY11	1O
2	38	1	899 928	580750N0302030E 581012N0301834E	061022ZMAY11 061022ZMAY11	1O
2	38	2	879 913	582609N0300531E 583344N0295916E	061026ZMAY11 061028ZMAY11	1O
2	38	3	856 919	584137N0295241E 584816N0294704E	061031ZMAY11 061032ZMAY11	1O
2	39	1	908 963	594904N0294545E 600209N0294549E	061047ZMAY11 061051ZMAY11	1C
2	40	1	892 963	600921N0300033E 601143N0301045E	061053ZMAY11 061055ZMAY11	1C
2	40	2	851 895	601517N0302613E 601708N0303419E	061057ZMAY11 061058ZMAY11	1S
2	41	1	944 960	595532N0302717E 594920N0302359E	061103ZMAY11 061105ZMAY11	1C
2	42	1	940 967	594917N0302137E 600537N0301243E	061108ZMAY11 061113ZMAY11	1S

(2) SENSOR USED: PG-OF__-V3F

MIN/MAX

SEG	LEG	OP	HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	806 826	553629N0363840E 552951N0363121E	050555ZMAY11 050557ZMAY11	0C
1	2	1	834 844	552017N0362908E 551102N0363947E	050600ZMAY11 050603ZMAY11	0C
1	3	1	847 850	550905N0371114E 550950N0371552E	050608ZMAY11 050609ZMAY11	0C
1	3	2	858 858	550711N0371923E 550711N0371923E	050611ZMAY11 050611ZMAY11	0C
1	4	1	846 859	550027N0371348E 545759N0371304E	050612ZMAY11 050613ZMAY11	0C
1	5	1	921 947	541636N0373457E 541407N0373639E	050624ZMAY11 050625ZMAY11	0C
1	6	1	974 995	541307N0373611E 541244N0373127E	050629ZMAY11 050630ZMAY11	0C
1	8	1	934 993	535419N0355255E 534540N0354603E	050645ZMAY11 050648ZMAY11	1C
1	9	1	930 953	534548N0352859E 534646N0352641E	050651ZMAY11 050651ZMAY11	0C
1	12	1	919 985	541702N0342928E 541209N0341900E	050703ZMAY11 050705ZMAY11	1O
1	14	1	877 892	542033N0322845E 541806N0321819E	050722ZMAY11 050724ZMAY11	1O
1	16	1	855 861	534438N0314416E 534222N0314219E	050734ZMAY11 050734ZMAY11	1C
1	17	1	833 833	523500N0304924E 523500N0304924E	050753ZMAY11 050753ZMAY11	0C
1	17	2	865 890	523212N0305931E 523043N0310420E	050755ZMAY11 050756ZMAY11	0C
1	18	1	856 890	522645N0305912E 522352N0303835E	050800ZMAY11 050804ZMAY11	1O
1	19	1	874 892	530536N0291337E 530700N0291045E	050820ZMAY11 050820ZMAY11	1O
1	20	1	849 882	530912N0290710E 531113N0290454E	050821ZMAY11 050822ZMAY11	1B
1	21	1	833 844	531905N0284928E 531707N0283716E	050825ZMAY11 050827ZMAY11	1B
1	22	1	809 848	531645N0283000E 531634N0281638E	050828ZMAY11 050830ZMAY11	1S
1	23	1	867 879	530853N0260235E 530412N0260251E	050849ZMAY11 050850ZMAY11	0C

1	24	1	853 877	530450N0260158E 530945N0255452E	050855ZMAY11 050856ZMAY11	OC
1	25	1	834 840	530529N0252343E 530433N0251739E	050901ZMAY11 050902ZMAY11	OC
1	27	1	847 868	524703N0244944E 524309N0245549E	050909ZMAY11 050910ZMAY11	OC
1	27	2	847 882	523800N0250348E 523600N0250651E	050912ZMAY11 050912ZMAY11	OC
1	28	1	849 869	523402N0245650E 523317N0245017E	050914ZMAY11 050915ZMAY11	OC
1	30	1	841 880	525227N0234954E 520242N0234413E	050931ZMAY11 050934ZMAY11	OC
1	32	1	851 884	523727N0235509E 524037N0235749E	050942ZMAY11 050943ZMAY11	1C
1	33	1	855 878	531653N0242109E 531929N0242239E	050952ZMAY11 050952ZMAY11	1C
1	35	1	814 814	533528N0240404E 533640N0235941E	050958ZMAY11 050958ZMAY11	1C
1	36	1	836 840	533948N0235115E 534132N0234806E	051000ZMAY11 051000ZMAY11	1C
1	40	1	873 890	543539N0221356E 543638N0220923E	051024ZMAY11 051025ZMAY11	1C
1	40	2	868 904	543849N0215912E 543928N0215608E	051026ZMAY11 051027ZMAY11	OC
1	41	1	906 926	543858N0214921E 543817N0214351E	051028ZMAY11 051029ZMAY11	OC
1	43	1	909 918	543151N0211051E 543147N0210837E	051034ZMAY11 051034ZMAY11	1C
1	43	2	869 907	543130N0205856E 543121N0205402E	051035ZMAY11 051036ZMAY11	1C
1	45	1	919 948	544014N0203900E 544212N0202056E	051040ZMAY11 051042ZMAY11	OC
1	47	1	911 945	544701N0200219E 543638N0195603E	051049ZMAY11 051052ZMAY11	OC
1	51	1	861 868	545040N0201909E 545004N0202210E	051100ZMAY11 051101ZMAY11	1C
1	52	1	895 918	544952N0202631E 545004N0203422E	051101ZMAY11 051102ZMAY11	1C
1	53	1	918 931	545108N0203606E 545345N0203537E	051108ZMAY11 051108ZMAY11	OC
2	1	1	941	545336N0203432E	060627ZMAY11	1B

			952	545430N0203007E	060627ZMAY11	
2	1	2	941 970	545620N0202102E 545727N0201528E	060629ZMAY11 060630ZMAY11	1C
2	3	1	906 985	544637N0195901E 543545N0195119E	060634ZMAY11 060636ZMAY11	1C
2	6	1	941 972	544235N0202549E 543942N0203935E	060645ZMAY11 060647ZMAY11	1C
2	7	1	904 919	543313N0205554E 543047N0205840E	060650ZMAY11 060651ZMAY11	1O
2	8	1	919 946	543103N0210917E 543343N0211240E	060653ZMAY11 060654ZMAY11	1O
2	9	1	898 932	543856N0214614E 543913N0220013E	060659ZMAY11 060701ZMAY11	1C
2	10	1	900 910	543637N0221041E 543432N0221212E	060703ZMAY11 060704ZMAY11	1S
2	13	1	806 810	534012N0234505E 533849N0234647E	060725ZMAY11 060725ZMAY11	0C
2	14	1	880 894	535157N0251900E 535251N0252527E	060739ZMAY11 060740ZMAY11	1C
2	16	1	808 809	534503N0273536E 534832N0273328E	060801ZMAY11 060801ZMAY11	1C
2	17	1	812 812	535609N0274024E 535733N0274909E	060804ZMAY11 060806ZMAY11	1C
2	19	1	822 863	541324N0282748E 541349N0283240E	060812ZMAY11 060813ZMAY11	1C
2	21	1	838 883	545246N0285615E 545936N0284758E	060824ZMAY11 060826ZMAY11	1C
2	22	1	855 888	552932N0283600E 553914N0283248E	060834ZMAY11 060836ZMAY11	1C
2	23	1	860 883	553735N0283844E 553136N0285124E	060839ZMAY11 060841ZMAY11	1B
2	25	1	885 914	553356N0295512E 552814N0295515E	060851ZMAY11 060853ZMAY11	1B
2	26	1	873 965	551307N0301141E 550700N0302313E	060857ZMAY11 060900ZMAY11	1B
2	28	1	886 902	560317N0300936E 560655N0300833E	060916ZMAY11 060917ZMAY11	1O
2	29	1	888 915	561956N0285534E 562040N0284934E	060928ZMAY11 060929ZMAY11	1C
2	31	1	873 896	571644N0282503E 571948N0282612E	060944ZMAY11 060945ZMAY11	0C

2	33	1	893 921	574218N0282126E 574801N0282333E	060950ZMAY11 1C 060952ZMAY11
2	34	1	911 924	574823N0282231E 574829N0281511E	060957ZMAY11 1S 060958ZMAY11
2	36	1	906 916	580736N0301749E 580900N0302157E	061016ZMAY11 1O 061016ZMAY11
2	38	1	899 928	580750N0302030E 581012N0301834E	061022ZMAY11 1O 061022ZMAY11
2	38	2	879 913	582609N0300531E 583344N0295916E	061026ZMAY11 1O 061028ZMAY11
2	38	3	856 919	584137N0295241E 584816N0294704E	061031ZMAY11 1O 061032ZMAY11
2	39	1	908 963	594904N0294545E 600209N0294549E	061047ZMAY11 1C 061051ZMAY11
2	40	1	892 963	600921N0300033E 601143N0301045E	061053ZMAY11 1C 061055ZMAY11
2	40	2	851 895	601517N0302613E 601708N0303419E	061057ZMAY11 1S 061058ZMAY11
2	41	1	944 960	595532N0302717E 594920N0302359E	061103ZMAY11 1C 061105ZMAY11
2	42	1	940 967	594917N0302137E 600537N0301243E	061108ZMAY11 1S 061113ZMAY11

(3) SENSOR USED: PG-OF__-R3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	806 826	553629N0363840E 552951N0363121E	050555ZMAY11 0C 050557ZMAY11	
1	2	1	834 844	552017N0362908E 551102N0363947E	050600ZMAY11 0C 050603ZMAY11	
1	3	1	847 850	550905N0371114E 550950N0371552E	050608ZMAY11 0C 050609ZMAY11	
1	3	2	858 858	550711N0371923E 550711N0371923E	050611ZMAY11 0C 050611ZMAY11	
1	4	1	846 859	550027N0371348E 545759N0371304E	050612ZMAY11 0C 050613ZMAY11	
1	5	1	921 947	541636N0373457E 541407N0373639E	050624ZMAY11 0C 050625ZMAY11	
1	6	1	974 995	541307N0373611E 541244N0373127E	050629ZMAY11 0C 050630ZMAY11	
1	8	1	934 993	535419N0355255E 534540N0354603E	050645ZMAY11 1C 050648ZMAY11	

1	9	1	930 953	534548N0352859E 534646N0352641E	050651ZMAY11 050651ZMAY11	0C
1	12	1	919 985	541702N0342928E 541209N0341900E	050703ZMAY11 050705ZMAY11	1O
1	14	1	877 892	542033N0322845E 541806N0321819E	050722ZMAY11 050724ZMAY11	1O
1	16	1	855 861	534438N0314416E 534222N0314219E	050734ZMAY11 050734ZMAY11	1C
1	17	1	833 833	523500N0304924E 523500N0304924E	050753ZMAY11 050753ZMAY11	0C
1	17	2	865 890	523212N0305931E 523043N0310420E	050755ZMAY11 050756ZMAY11	0C
1	18	1	856 890	522645N0305912E 522352N0303835E	050800ZMAY11 050804ZMAY11	1O
1	19	1	874 892	530536N0291337E 530700N0291045E	050820ZMAY11 050820ZMAY11	1O
1	20	1	849 882	530912N0290710E 531113N0290454E	050821ZMAY11 050822ZMAY11	1B
1	21	1	833 844	531905N0284928E 531707N0283716E	050825ZMAY11 050827ZMAY11	1B
1	22	1	809 848	531645N0283000E 531634N0281638E	050828ZMAY11 050830ZMAY11	1S
1	23	1	867 879	530853N0260235E 530412N0260251E	050849ZMAY11 050850ZMAY11	0C
1	24	1	853 877	530450N0260158E 530945N0255452E	050855ZMAY11 050856ZMAY11	0C
1	25	1	834 840	530529N0252343E 530433N0251739E	050901ZMAY11 050902ZMAY11	0C
1	27	1	847 868	524703N0244944E 524309N0245549E	050909ZMAY11 050910ZMAY11	0C
1	27	2	847 882	523800N0250348E 523600N0250651E	050912ZMAY11 050912ZMAY11	0C
1	28	1	849 869	523402N0245650E 523317N0245017E	050914ZMAY11 050915ZMAY11	0C
1	30	1	841 880	525227N0234954E 520242N0234413E	050931ZMAY11 050934ZMAY11	0C
1	32	1	851 884	523727N0235509E 524037N0235749E	050942ZMAY11 050943ZMAY11	1C
1	33	1	855 878	531653N0242109E 531929N0242239E	050952ZMAY11 050952ZMAY11	1C
1	35	1	814	533528N0240404E	050958ZMAY11	1C

			814	533640N0235941E	050958ZMAY11	
1	36	1	836 840	533948N0235115E 534132N0234806E	051000ZMAY11 051000ZMAY11	1C
1	40	1	873 890	543539N0221356E 543638N0220923E	051024ZMAY11 051025ZMAY11	1C
1	40	2	868 904	543849N0215912E 543928N0215608E	051026ZMAY11 051027ZMAY11	0C
1	41	1	906 926	543858N0214921E 543817N0214351E	051028ZMAY11 051029ZMAY11	0C
1	43	1	909 918	543151N0211051E 543147N0210837E	051034ZMAY11 051034ZMAY11	1C
1	43	2	869 907	543130N0205856E 543121N0205402E	051035ZMAY11 051036ZMAY11	1C
1	45	1	919 948	544014N0203900E 544212N0202056E	051040ZMAY11 051042ZMAY11	0C
1	47	1	911 945	544701N0200219E 543638N0195603E	051049ZMAY11 051052ZMAY11	0C
1	51	1	861 868	545040N0201909E 545004N0202210E	051100ZMAY11 051101ZMAY11	1C
1	52	1	895 918	544952N0202631E 545004N0203422E	051101ZMAY11 051102ZMAY11	1C
1	53	1	918 931	545108N0203606E 545345N0203537E	051108ZMAY11 051108ZMAY11	0C
2	1	1	941 952	545336N0203432E 545430N0203007E	060627ZMAY11 060627ZMAY11	1B
2	1	2	941 970	545620N0202102E 545727N0201528E	060629ZMAY11 060630ZMAY11	1C
2	3	1	906 985	544637N0195901E 543545N0195119E	060634ZMAY11 060636ZMAY11	1C
2	6	1	941 972	544235N0202549E 543942N0203935E	060645ZMAY11 060647ZMAY11	1C
2	7	1	904 919	543313N0205554E 543047N0205840E	060650ZMAY11 060651ZMAY11	1O
2	8	1	919 946	543103N0210917E 543343N0211240E	060653ZMAY11 060654ZMAY11	1O
2	9	1	898 932	543856N0214614E 543913N0220013E	060659ZMAY11 060701ZMAY11	1C
2	10	1	900 910	543637N0221041E 543432N0221212E	060703ZMAY11 060704ZMAY11	1S
2	13	1	806 810	534012N0234505E 533849N0234647E	060725ZMAY11 060725ZMAY11	0C

2	14	1	880 894	535157N0251900E 535251N0252527E	060739ZMAY11 060740ZMAY11	1C
2	16	1	808 809	534503N0273536E 534832N0273328E	060801ZMAY11 060801ZMAY11	1C
2	17	1	812 812	535609N0274024E 535733N0274909E	060804ZMAY11 060806ZMAY11	1C
2	19	1	822 863	541324N0282748E 541349N0283240E	060812ZMAY11 060813ZMAY11	1C
2	21	1	838 883	545246N0285615E 545936N0284758E	060824ZMAY11 060826ZMAY11	1C
2	22	1	855 888	552932N0283600E 553914N0283248E	060834ZMAY11 060836ZMAY11	1C
2	23	1	860 883	553735N0283844E 553136N0285124E	060839ZMAY11 060841ZMAY11	1B
2	25	1	885 914	553356N0295512E 552814N0295515E	060851ZMAY11 060853ZMAY11	1B
2	26	1	873 965	551307N0301141E 550700N0302313E	060857ZMAY11 060900ZMAY11	1B
2	28	1	886 902	560317N0300936E 560655N0300833E	060916ZMAY11 060917ZMAY11	1O
2	29	1	888 915	561956N0285534E 562040N0284934E	060928ZMAY11 060929ZMAY11	1C
2	31	1	873 896	571644N0282503E 571948N0282612E	060944ZMAY11 060945ZMAY11	0C
2	33	1	893 921	574218N0282126E 574801N0282333E	060950ZMAY11 060952ZMAY11	1C
2	34	1	911 924	574823N0282231E 574829N0281511E	060957ZMAY11 060958ZMAY11	1S
2	36	1	906 916	580736N0301749E 580900N0302157E	061016ZMAY11 061016ZMAY11	1O
2	38	1	899 928	580750N0302030E 581012N0301834E	061022ZMAY11 061022ZMAY11	1O
2	38	2	879 913	582609N0300531E 583344N0295916E	061026ZMAY11 061028ZMAY11	1O
2	38	3	856 919	584137N0295241E 584816N0294704E	061031ZMAY11 061032ZMAY11	1O
2	39	1	908 963	594904N0294545E 600209N0294549E	061047ZMAY11 061051ZMAY11	1C
2	40	1	892 963	600921N0300033E 601143N0301045E	061053ZMAY11 061055ZMAY11	1C
2	40	2	851 895	601517N0302613E 601708N0303419E	061057ZMAY11 061058ZMAY11	1S

2	41	1	944 960	595532N0302717E 594920N0302359E	061103ZMAY11 1C 061105ZMAY11
2	42	1	940 967	594917N0302137E 600537N0301243E	061108ZMAY11 1S 061113ZMAY11

(4) SENSOR USED: PG-OP__-P3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	23	1	867 879	530853N0260235E 530412N0260251E	050849ZMAY11 0C 050850ZMAY11	
1	27	1	847 868	524703N0244944E 524309N0245549E	050909ZMAY11 0C 050910ZMAY11	
1	27	2	847 882	523800N0250348E 523600N0250651E	050912ZMAY11 0C 050912ZMAY11	
1	40	1	873 890	543539N0221356E 543638N0220923E	051024ZMAY11 1C 051025ZMAY11	
1	45	1	919 948	544014N0203900E 544212N0202056E	051040ZMAY11 0C 051042ZMAY11	
1	47	1	911 945	544701N0200219E 543638N0195603E	051049ZMAY11 0C 051052ZMAY11	
1	51	1	861 868	545040N0201909E 545004N0202210E	051100ZMAY11 1C 051101ZMAY11	
2	10	1	900 910	543637N0221041E 543432N0221212E	060703ZMAY11 1S 060704ZMAY11	
2	16	1	808 809	534503N0273536E 534832N0273328E	060801ZMAY11 1C 060801ZMAY11	
2	31	1	873 896	571644N0282503E 571948N0282612E	060944ZMAY11 0C 060945ZMAY11	
2	36	1	906 916	580736N0301749E 580900N0302157E	061016ZMAY11 1O 061016ZMAY11	
2	38	1	899 928	580750N0302030E 581012N0301834E	061022ZMAY11 1O 061022ZMAY11	

(5) SENSOR USED: PG-TVFI-T2

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	806 826	553629N0363840E 552951N0363121E	050555ZMAY11 0C 050557ZMAY11	
1	2	1	834 844	552017N0362908E 551102N0363947E	050600ZMAY11 0C 050603ZMAY11	
1	3	1	847	550905N0371114E	050608ZMAY11 0C	

			850	550950N0371552E	050609ZMAY11	
1	3	2	858 858	550711N0371923E 550711N0371923E	050611ZMAY11 050611ZMAY11	0C
1	4	1	846 859	550027N0371348E 545759N0371304E	050612ZMAY11 050613ZMAY11	0C
1	5	1	921 947	541636N0373457E 541407N0373639E	050624ZMAY11 050625ZMAY11	0C
1	6	1	974 995	541307N0373611E 541244N0373127E	050629ZMAY11 050630ZMAY11	0C
1	8	1	934 993	535419N0355255E 534540N0354603E	050645ZMAY11 050648ZMAY11	1C
1	9	1	930 953	534548N0352859E 534646N0352641E	050651ZMAY11 050651ZMAY11	0C
1	12	1	919 985	541702N0342928E 541209N0341900E	050703ZMAY11 050705ZMAY11	1O
1	14	1	877 892	542033N0322845E 541806N0321819E	050722ZMAY11 070724ZMAY11	1O
1	16	1	855 861	534438N0314416E 534222N0314219E	050734ZMAY11 050734ZMAY11	1C
1	17	1	833 833	523500N0304924E 523500N0304924E	050753ZMAY11 050753ZMAY11	0C
1	17	2	865 890	523212N0305931E 523043N0310420E	050755ZMAY11 050756ZMAY11	0C
1	18	1	856 890	522645N0305912E 522352N0303835E	050800ZMAY11 050804ZMAY11	1O
1	19	1	874 892	530536N0291337E 530700N0291045E	050820ZMAY11 050820ZMAY11	1O
1	20	1	849 882	530912N0290710E 531113N0290454E	050821ZMAY11 050822ZMAY11	1B
1	21	1	833 844	531905N0284928E 531707N0283716E	050825ZMAY11 050827ZMAY11	1B
1	22	1	809 848	531645N0283000E 531634N0281638E	050828ZMAY11 050830ZMAY11	1S
1	23	1	867 879	530853N0260235E 530412N0260251E	050849ZMAY11 050850ZMAY11	0C
1	24	1	853 877	530450N0260158E 530945N0255452E	050855ZMAY11 050856ZMAY11	0C
1	25	1	834 840	530529N0252343E 530433N0251739E	050901ZMAY11 050902ZMAY11	0C
1	27	1	847 868	524703N0244944E 524309N0245549E	050909ZMAY11 050910ZMAY11	0C

1	27	2	847 882	523800N0250348E 523600N0250651E	050912ZMAY11 050912ZMAY11	0C
1	28	1	849 869	523402N0245650E 523317N0245017E	050914ZMAY11 050915ZMAY11	0C
1	30	1	841 880	525227N0234954E 520242N0234413E	050931ZMAY11 050934ZMAY11	0C
1	32	1	851 884	523727N0235509E 524037N0235749E	050942ZMAY11 050943ZMAY11	1C
1	33	1	855 878	531653N0242109E 531929N0242239E	050952ZMAY11 050952ZMAY11	1C
1	35	1	814 814	533528N0240404E 533640N0235941E	050958ZMAY11 050958ZMAY11	1C
1	36	1	836 840	533948N0235115E 534132N0234806E	051000ZMAY11 051000ZMAY11	1C
1	40	1	873 890	543539N0221356E 543638N0220923E	051024ZMAY11 051025ZMAY11	1C
1	40	2	868 904	543849N0215912E 543928N0215608E	051026ZMAY11 051027ZMAY11	0C
1	41	1	906 926	543858N0214921E 543817N0214351E	051028ZMAY11 051029ZMAY11	0C
1	43	1	909 918	543151N0211051E 543147N0210837E	051034ZMAY11 051034ZMAY11	1C
1	43	2	869 907	543130N0205856E 543121N0205402E	051035ZMAY11 051036ZMAY11	1C
1	45	1	919 948	544014N0203900E 544212N0202056E	051040ZMAY11 051042ZMAY11	0C
1	47	1	911 945	544701N0200219E 543638N0195603E	051049ZMAY11 051052ZMAY11	0C
1	51	1	861 868	545040N0201909E 545004N0202210E	051100ZMAY11 051101ZMAY11	1C
1	52	1	895 918	544952N0202631E 545004N0203422E	051101ZMAY11 051102ZMAY11	1C
1	53	1	918 931	545108N0203606E 545345N0203537E	051108ZMAY11 051108ZMAY11	0C
2	1	1	941 952	545336N0203432E 545430N0203007E	060627ZMAY11 060627ZMAY11	1B
2	1	2	941 970	545620N0202102E 545727N0201528E	060629ZMAY11 060630ZMAY11	1C
2	3	1	906 985	544637N0195901E 543545N0195119E	060634ZMAY11 060636ZMAY11	1C
2	6	1	941 972	544235N0202549E 543942N0203935E	060645ZMAY11 060647ZMAY11	1C

2	7	1	904 919	543313N0205554E 543047N0205840E	060650ZMAY11 060651ZMAY11	1O
2	8	1	919 946	543103N0210917E 543343N0211240E	060653ZMAY11 060654ZMAY11	1O
2	9	1	898 932	543856N0214614E 543913N0220013E	060659ZMAY11 060701ZMAY11	1C
2	10	1	900 910	543637N0221041E 543432N0221212E	060703ZMAY11 060704ZMAY11	1S
2	13	1	806 810	534012N0234505E 533849N0234647E	060725ZMAY11 060725ZMAY11	0C
2	14	1	880 894	535157N0251900E 535251N0252527E	060739ZMAY11 060740ZMAY11	1C
2	16	1	808 809	534503N0273536E 534832N0273328E	060801ZMAY11 060801ZMAY11	1C
2	17	1	812 812	535609N0274024E 535733N0274909E	060804ZMAY11 060806ZMAY11	1C
2	19	1	822 863	541324N0282748E 541349N0283240E	060812ZMAY11 060813ZMAY11	1C
2	21	1	838 883	545246N0285615E 545936N0284758E	060824ZMAY11 060826ZMAY11	1C
2	22	1	855 888	552932N0283600E 553914N0283248E	060834ZMAY11 060836ZMAY11	1C
2	23	1	860 883	553735N0283844E 553136N0285124E	060839ZMAY11 060841ZMAY11	1B
2	25	1	885 914	553356N0295512E 552814N0295515E	060851ZMAY11 060853ZMAY11	1B
2	26	1	873 965	551307N0301141E 550700N0302313E	060857ZMAY11 060900ZMAY11	1B
2	28	1	886 902	560317N0300936E 560655N0300833E	060916ZMAY11 060917ZMAY11	1O
2	29	1	888 915	561956N0285534E 562040N0284934E	060928ZMAY11 060929ZMAY11	1C
2	31	1	873 896	571644N0282503E 571948N0282612E	060944ZMAY11 060945ZMAY11	0C
2	33	1	893 921	574218N0282126E 574801N0282333E	060950ZMAY11 060952ZMAY11	1C
2	34	1	911 924	574823N0282231E 574829N0281511E	060957ZMAY11 060958ZMAY11	1S
2	36	1	906 916	580736N0301749E 580900N0302157E	061016ZMAY11 061016ZMAY11	1O
2	38	1	899	580750N0302030E	061022ZMAY11	1O

			928	581012N0301834E	061022ZMAY11	
2	38	2	879	582609N0300531E	061026ZMAY11	1O
			913	583344N0295916E	061028ZMAY11	
2	38	3	856	584137N0295241E	061031ZMAY11	1O
			919	584816N0294704E	061032ZMAY11	
2	39	1	908	594904N0294545E	061047ZMAY11	1C
			963	600209N0294549E	061051ZMAY11	
2	40	1	892	600921N0300033E	061053ZMAY11	1C
			963	601143N0301045E	061055ZMAY11	

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: **NO**
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: **NO**
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

- (1) **PREFLIGHT-INSPECTION: OK**
- (2) **FILM PROCESSED BY: CANADA**

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJ I.A. NERI**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **071030ZMAY11**

6. REMARKS:

A. ALL IMAGES TAKEN DURING THE FIRST EVENT OF SEGMENT 1 LEG 17 FROM ALL SENSORS WILL BE DESTROYED DURING PROCESSING.

B. CANADA THANKS THE RUSSIAN FEDERATION AND BELARUS FOR THEIR SUPPORT IN ENSURING A VERY SUCCESSFUL OBSERVATION MISSION, AND FOR THE COOPERATION OF POLAND FOR THE TRANSIT TO AND FROM KALININGRAD WITHOUT SENSOR COVERS INSTALLED.

7. END OF OS MESSAGE NUMBER: **OS/CA/11/0015/F14/O**

OS FORMAT 14

PRECEDENCE: **ROUTINE**

FROM: **CANADA**

TO: **ALL STATES PARTIES**

INFO: **RUSSIAN FEDERATION**

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/10/0066/F14/O**
2. OS MESSAGE DATE AND TIME: **181247ZNOV10**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: **OS/CA/10/0058/F12/C**
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **OS0142**
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **071230ZNOV10**
- (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **C130E**

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: **KUBINKA**
 - (i) ICAO DESIGNATOR: **UUMB**
 - (ii) GEOGRAPHIC CO-ORDINATES: **553642N, 0363900E**
 - (b) DATE AND TIME OF TAKEOFF: **080800ZNOV10**
 - (c) LEGS OF THIS SEGMENT: **N/A, ICAO TRANSIT**
 - (d) LANDING AIRFIELD: **LEVASHOVO**
 - (i) ICAO DESIGNATOR: **XLLV**
 - (ii) GEOGRAPHIC CO-ORDINATES:

600518N, 0301254E

(e) DATE AND TIME OF LANDING: **080952ZNOV10**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **LEVASHOVO**

(i) ICAO DESIGNATOR: **XLLV**

(ii) GEOGRAPHIC CO-ORDINATES:
600518N, 0301254E

(b) DATE AND TIME OF TAKEOFF: **090828ZNOV10**

(c) LEGS OF THIS SEGMENT:

1, **600758N0301859E**
2, **601322N0302128E**
3, **601437N0300819E**
4, **604124N0293501E**
5, **604321N0301313E**
6, **610057N0301307E**
7, **611029N0295935E**
8, **613513N0301352E**
9, **625304N0344320E**
10, **631011N0341811E**
11, **642440N0393041E**
12, **643921N0395437E**
13, **644423N0402243E**
14, **641802N0404401E**
15, **643255N0404644E**
16, **642134N0401902E**
17, **634321N0401711E**
18, **632238N0401816E**
19, **625925N0402114E**
20, **623543N0402646E**
21, **620045N0390759E**
22, **614927N0384247E**
23, **611249N0383127E**
24, **604636N0383101E**
25, **595234N0382349E**
26, **564850N0381052E**
27, **561130N0380657E**
28, **555645N0371919E**
29, **553642N0363900E**

(d) LANDING AIRFIELD: **KUBINKA**

(i) ICAO DESIGNATOR: **UUMB**

(ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E

(e) DATE AND TIME OF LANDING: **091322ZNOV10**

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: **2734**

D. OBSERVATION PERIODS

(1) SENSOR USED: **PG-OF__-L3F**

MIN/MAX

SEG	LEG	OP	HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
2	1	1	810 817	600530N0301320E 600654N0301633E	090837ZNOV10 090837ZNOV10	1C
2	3	1	807 812	601334N0301919E 601427N0301002E	090844ZNOV10 090845ZNOV10	1S
2	4	1	963 965	603111N0294750E 603321N0294508E	090850ZNOV10 090851ZNOV10	1O
2	5	1	806 808	604207N0294913E 604307N0300838E	090855ZNOV10 090858ZNOV10	1B
2	7	1	825 844	610423N0300814E 610716N0300408E	090904ZNOV10 090905ZNOV10	1B
2	8	1	806 827	613026N0301103E 613335N0301254E	090911ZNOV10 090912ZNOV10	1C
2	9	1	973 977	621808N0323550E 621938N0324104E	090932ZNOV10 090932ZNOV10	1C
2	9	2	993 997	623559N0333925E 623708N0334331E	090940ZNOV10 090941ZNOV10	1C
2	9	3	997 999	624823N0342517E 624942N0343004E	090946ZNOV10 090947ZNOV10	1C
2	10	1	964 982	625531N0343925E 630732N0342200E	090949ZNOV10 090952ZNOV10	1B
2	14	1	820 830	642803N0403600E 642029N0404205E	091044ZNOV10 091046ZNOV10	1O
2	16	1	830 838	643209N0404451E 642502N0402729E	091056ZNOV10 091058ZNOV10	1O
2	18	1	1032 1033	632833N0401759E 632449N0401810E	091113ZNOV10 091114ZNOV10	1O
2	19	1	1017 1019	630642N0402019E 630346N0402042E	091118ZNOV10 091119ZNOV10	1C

(2) SENSOR USED: PG-OF__-V3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
2	1	1	810 817	600530N0301320E 600654N0301633E	090837ZNOV10 090837ZNOV10	1C
2	3	1	807 812	601334N0301919E 601427N0301002E	090844ZNOV10 090845ZNOV10	1S
2	4	1	963 965	603111N0294750E 603321N0294508E	090850ZNOV10 090851ZNOV10	1O
2	5	1	806 808	604207N0294913E 604307N0300838E	090855ZNOV10 090858ZNOV10	1B

2	7	1	825 844	610423N0300814E 610716N0300408E	090904ZNOV10 090905ZNOV10	1B
2	8	1	806 827	613026N0301103E 613335N0301254E	090911ZNOV10 090912ZNOV10	1C
2	9	1	973 977	621808N0323550E 621938N0324104E	090932ZNOV10 090932ZNOV10	1C
2	9	2	993 997	623559N0333925E 623708N0334331E	090940ZNOV10 090941ZNOV10	1C
2	9	3	997 999	624823N0342517E 624942N0343004E	090946ZNOV10 090947ZNOV10	1C
2	10	1	964 982	625531N0343925E 630732N0342200E	090949ZNOV10 090952ZNOV10	1B
2	14	1	820 830	642803N0403600E 642029N0404205E	091044ZNOV10 091046ZNOV10	1O
2	16	1	830 838	643209N0404451E 642502N0402729E	091056ZNOV10 091058ZNOV10	1O
2	18	1	1032 1033	632833N0401759E 632449N0401810E	091113ZNOV10 091114ZNOV10	1O
2	19	1	1017 1019	630642N0402019E 630346N0402042E	091118ZNOV10 091119ZNOV10	1C

(3) SENSOR USED: PG-OF__-R3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
2	1	1	810 817	600530N0301320E 600654N0301633E	090837ZNOV10 090837ZNOV10	1C
2	3	1	807 812	601334N0301919E 601427N0301002E	090844ZNOV10 090845ZNOV10	1S
2	4	1	963 965	603111N0294750E 603321N0294508E	090850ZNOV10 090851ZNOV10	1O
2	5	1	806 808	604207N0294913E 604307N0300838E	090855ZNOV10 090858ZNOV10	1B
2	7	1	825 844	610423N0300814E 610716N0300408E	090904ZNOV10 090905ZNOV10	1B
2	8	1	806 827	613026N0301103E 613335N0301254E	090911ZNOV10 090912ZNOV10	1C
2	9	1	973 977	621808N0323550E 621938N0324104E	090932ZNOV10 090932ZNOV10	1C
2	9	2	993 997	623559N0333925E 623708N0334331E	090940ZNOV10 090941ZNOV10	1C
2	9	3	997	624823N0342517E	090946ZNOV10	1C

			999	624942N0343004E	090947ZNOV10	
2	10	1	964 982	625531N0343925E 630732N0342200E	090949ZNOV10 090952ZNOV10	1B
2	14	1	820 830	642803N0403600E 642029N0404205E	091044ZNOV10 091046ZNOV10	1O
2	16	1	830 838	643209N0404451E 642502N0402729E	091056ZNOV10 091058ZNOV10	1O
2	18	1	1032 1033	632833N0401759E 632449N0401810E	091113ZNOV10 091114ZNOV10	1O
2	19	1	1017 1019	630642N0402019E 630346N0402042E	091118ZNOV10 091119ZNOV10	1C

(4) SENSOR USED: PG-OP__-P3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
2	14	1	820 830	642803N0403600E 642029N0404205E	091044ZNOV10 091046ZNOV10	1O
2	16	1	830 838	643209N0404451E 642502N0402729E	091056ZNOV10 091058ZNOV10	1O

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE:
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

PREFLIGHT-INSPECTION : OK
FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJOR STONE**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **101715ZNOV10**

6. REMARKS:

TOTAL DISTANCE FLOWN WAS 2734KM. SEGMENT 1 WAS A 679 KM ICAO TRANSIT FLOWN WITHOUT OPERATION OF SENSORS IN ORDER TO PRE-POSITION IN LEVASHOVO FOR SEGMENT 2.

OBSERVATION FLIGHT SEGMENT 2 WAS DELAYED 37 MINUTES DUE TO DEICING EQUIPMENT AND A LONGER THAN PLANNED DEICING PROCEDURE.

CANADA EXTENDS ITS THANKS TO THE RUSSIAN FEDERATION FOR THE ATC COORDINATION WHICH WAS REQUIRED TO ACCOMPLISH A CLIMB AFTER POINT 19. THIS CLIMB WAS REQUIRED DUE TO UNFORECAST HEADWINDS, MODERATE ICING IN CLOUD AND A LONGER THAN PLANNED GROUND DEICING, IN ORDER TO MAINTAIN FUEL RESERVES.

CANADA THANKS ALL MEMBERS OF THE RUSSIAN ESCORT TEAM FOR THEIR PROFESSIONALISM, FLEXIBILITY AND MUTUAL COOPERATION WHICH ENSURED THE SUCCESS OF OS 0141 AND OS 0142, TWO CONSECUTIVE QUOTA MISSIONS.

7. END OF OS MESSAGE NUMBER: OS/CA/10/0066/F14/O

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO: RUSSIAN FEDERATION

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/10/0065/F14/O
2. OS MESSAGE DATE AND TIME: 161321ZNOV10
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/10/0056/F12/O
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS0141
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 311322Z OCT10
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C130E

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: KUBINKA
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES: 553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: 020651ZNOV10
 - (c) LEGS OF THIS SEGMENT:
 - 1, 545313N0371847E
 - 2, 541003N0373839E
 - 3, 523558N0380119E
 - 4, 510448N0414914E
 - 5, 513513N0455156E
 - 6, 512712N0461900E
 - 7, 513229N0462022E

8, 512657N0460820E
9, 501833N0441415E
10, 500511N0453146E
11, 491628N0453942E
12, 484520N0453916E
13, 483821N0454131E
14, 484134N0454851E
15, 483835N0453630E
16, 483324N0454928E
17, 484239N0461617E
18, 484653N0461820E
19, 484216N0462208E
20, 483903N0461054E
21, 483154N0461829E
22, 481447N0462145E
23, 482026N0460522E
24, 480834N0444416E
25, 483439N0442703E
26, 484436N0445656E
27, 485228N0443735E
28, 484623N0444221E
29, 484615N0442940E
30, 484024N0441837E
31, 483816N0435715E
32, 484502N0434957E
33, 483645N0434520E
34, 475917N0422343E
35, 471903N0395024E
36, 471642N0393812E

(d) LANDING AIRFIELD: ROSTOV

(i) ICAO DESIGNATOR: XRRO

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(e) DATE AND TIME OF LANDING: 021236ZNOV10

(2) FLIGHT SEGMENT NUMBER: 2

(a) DEPARTURE AIRFIELD: ROSTOV

(i) ICAO DESIGNATOR: XRRO

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(b) DATE AND TIME OF TAKEOFF: 030655ZNOV10

(c) LEGS OF THIS SEGMENT:

1, 471736N0392452E
2, 472430N0391648E
3, 470857N0385026E
4, 471856N0385245E
5, 463939N0381121E
6, 461218N0382747E
7, 454122N0375911E
8, 453548N0380016E
9, 453359N0375908E
10, 453821N0375233E
11, 451332N0372930E

12, 451959N0372155E
13, 451131N0371707E
14, 445321N0371816E
15, 445541N0372604E
16, 444733N0373750E
17, 445030N0374556E
18, 443731N0374637E
19, 443727N0374251E
20, 444443N0374259E
21, 444301N0375036E
22, 443736N0375535E
23, 443410N0380310E
24, 444836N0380218E
25, 445921N0375936E
26, 451703N0384406E
27, 450730N0384734E
28, 450444N0385757E
29, 445943N0385915E
30, 450423N0390151E
31, 445957N0390405E
32, 450252N0391003E
33, 445527N0400100E
34, 443021N0400041E
35, 443507N0400848E
36, 443849N0402459E
37, 445620N0410029E
38, 445459N0411317E
39, 450245N0415851E
40, 450028N0420148E
41, 445715N0435514E
42, 444633N0440302E
43, 444942N0441617E
44, 445415N0442806E
45, 461457N0475648E
46, 462308N0480231E
47, 462532N0473534E
48, 474708N0431106E
49, 480530N0422844E
50, 482020N0414509E
51, 472002N0395917E
52, 472020N0394802E
53, 471241N0394136E
54, 471642N0393812E

(d) LANDING AIRFIELD: **ROSTOV**

(i) ICAO DESIGNATOR: **XRRO**

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(e) DATE AND TIME OF LANDING: **031239ZNOV10**

(3) FLIGHT SEGMENT NUMBER: **3**

(a) DEPARTURE AIRFIELD: **ROSTOV**

(i) ICAO DESIGNATOR: **XRRO**

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(b) DATE AND TIME OF TAKEOFF: 031418ZNOV10

(c) LEGS OF THIS SEGMENT:
 N/A, ICAO TRANSIT

(d) LANDING AIRFIELD: KUBINKA

(i) ICAO DESIGNATOR: UUMB

(ii) GEOGRAPHIC CO-ORDINATES:
 553642N, 0363900E

(e) DATE AND TIME OF LANDING: 031635ZNOV10

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 5493

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF_-L3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	886 902	553633N0363924E 553202N0364320E	020659ZNOV10 020700ZNOV10	1O
1	1	2	894 901	550157N0371055E 545504N0371708E	020709ZNOV10 020711ZNOV10	1O
1	2	1	960 968	541816N0373457E 541029N0373830E	020720ZNOV10 020722ZNOV10	1O
1	3	1	1006 1010	524209N0375954E 523819N0380047E	020744ZNOV10 020745ZNOV10	1S
1	4	1	852 857	511113N0413416E 510621N0414538E	020824ZNOV10 020826ZNOV10	0C
1	6	1	988 997	513345N0455655E 512806N0461559E	020906ZNOV10 020909ZNOV10	0C
1	8	1	913 918	513136N0461828E 512713N0460858E	020916ZNOV10 020918ZNOV10	0C
1	9	1	989 992	502206N0441959E 501911N0441516E	020941ZNOV10 020942ZNOV10	0C
1	10	1	854 860	500725N0451914E 500518N0453108E	020954ZNOV10 020956ZNOV10	0C
1	12	1	932 935	485255N0453923E 484733N0453919E	021014ZNOV10 021015ZNOV10	0C
1	13	1	964 967	484308N0454000E 483843N0454125E	021016ZNOV10 021017ZNOV10	0C
1	15	1	955 958	484117N0454744E 483846N0453719E	021024ZNOV10 021026ZNOV10	0C
1	16	1	959 962	483820N0453705E 483325N0454922E	021031ZNOV10 021033ZNOV10	0C

1	17	1	946 958	483449N0455342E 484224N0461530E	021034ZNOV10 021038ZNOV10	0C
1	18	1	961 984	484541N0461739E 484633N0461832E	021039ZNOV10 021039ZNOV10	0C
1	20	1	956 962	484154N0462108E 483849N0461010E	021042ZNOV10 021044ZNOV10	0C
1	21	1	921 953	483416N0461612E 483200N0461818E	021046ZNOV10 021047ZNOV10	0C
1	22	1	943 947	482601N0461936E 482222N0462018E	021048ZNOV10 021049ZNOV10	0C
1	23	1	945 950	481645N0461603E 482004N0460624E	021053ZNOV10 021054ZNOV10	0C
1	24	1	969 971	480951N0445248E 480900N0444709E	021106ZNOV10 021107ZNOV10	0C
1	25	1	877 878	482717N0443155E 483422N0442713E	021113ZNOV10 021115ZNOV10	0C
1	27	1	867 900	484636N0445139E 485211N0443819E	021121ZNOV10 021124ZNOV10	0C
1	28	1	878 886	485156N0443754E 484906N0443939E	021129ZNOV10 021129ZNOV10	0C
1	29	1	897 901	484620N0444058E 484616N0443124E	021135ZNOV10 021136ZNOV10	0C
1	30	1	839 842	484311N0442352E 484049N0441925E	021138ZNOV10 021139ZNOV10	0C
1	32	1	850 898	483931N0435540E 484445N0435014E	021143ZNOV10 021144ZNOV10	0C
1	33	1	864 868	484038N0434733E 483734N0434550E	021146ZNOV10 021147ZNOV10	0C
1	34	1	878 879	482631N0432241E 482539N0432046E	021151ZNOV10 021151ZNOV10	0C
1	34	2	888 893	480513N0423628E 480214N0423004E	021159ZNOV10 021200ZNOV10	0C
1	35	1	857 858	473744N0405940E 473654N0405631E	021215ZNOV10 021215ZNOV10	0C
1	35	2	864 867	472441N0401101E 471910N0395058E	021223ZNOV10 021226ZNOV10	0C
1	36	1	900 944	471841N0394806E 471636N0393756E	021227ZNOV10 021229ZNOV10	0C
2	1	1	927 934	471635N0393959E 471735N0392515E	030701ZNOV10 030704ZNOV10	1S
2	2	1	915	472221N0391924E	030705ZNOV10	0C

			917	472406N0391717E	030706ZNOV10	
2	3	1	919 924	471840N0390652E 471016N0385238E	030708ZNOV10 030711ZNOV10	0C
2	4	1	946 949	470955N0385036E 471746N0385227E	030716ZNOV10 030718ZNOV10	0C
2	5	1	945 946	464624N0381824E 463943N0381126E	030729ZNOV10 030731ZNOV10	0C
2	6	1	1000 1001	461540N0382548E 461239N0382736E	030737ZNOV10 030737ZNOV10	0C
2	7	1	1007 1009	455330N0381021E 455140N0380840E	030743ZNOV10 030743ZNOV10	0C
2	8	1	1022 1032	453905N0375928E 453639N0380006E	030747ZNOV10 030747ZNOV10	0C
2	10	1	1019 1035	453624N0375539E 453809N0375251E	030748ZNOV10 030749ZNOV10	0C
2	11	1	948 949	451642N0373235E 451340N0372940E	030756ZNOV10 030757ZNOV10	0C
2	12	1	938 961	451533N0372711E 451959N0372152E	030758ZNOV10 030800ZNOV10	0C
2	14	1	967 971	450818N0371719E 445336N0371815E	030804ZNOV10 030807ZNOV10	0C
2	15	1	973 975	445338N0371904E 445538N0372553E	030812ZNOV10 030813ZNOV10	0C
2	16	1	806 810	445147N0373141E 444825N0373634E	030815ZNOV10 030816ZNOV10	0C
2	17	1	914 932	444947N0374336E 445029N0374550E	030818ZNOV10 030818ZNOV10	0C
2	18	1	869 874	444542N0374613E 443754N0374636E	030820ZNOV10 030822ZNOV10	0C
2	21	1	864 894	444442N0374312E 444307N0375018E	030830ZNOV10 030831ZNOV10	0C
2	22	1	1062 1082	444037N0375243E 443742N0375527E	030832ZNOV10 030833ZNOV10	0C
2	23	1	957 959	443545N0375934E 443419N0380248E	030834ZNOV10 030834ZNOV10	0C
2	25	1	882 887	445302N0380111E 445913N0375938E	030840ZNOV10 030841ZNOV10	0C
2	26	1	1006 1007	451530N0384010E 451644N0384318E	030848ZNOV10 030849ZNOV10	0C
2	27	1	990 992	451201N0384553E 450747N0384728E	030851ZNOV10 030852ZNOV10	0C

2	28	1	982 987	450610N0385234E 450454N0385720E	030853ZNOV10 030854ZNOV10	0C
2	29	1	985 989	450218N0385835E 450004N0385910E	030855ZNOV10 030855ZNOV10	0C
2	30	1	993 1007	450254N0390105E 450412N0390157E	030857ZNOV10 030857ZNOV10	0C
2	31	1	969 989	450133N0390315E 450012N0390358E	030858ZNOV10 030859ZNOV10	0C
2	32	1	987 989	450023N0390454E 450245N0390948E	030904ZNOV10 030905ZNOV10	0C
2	33	1	927 930	445601N0395705E 445530N0400040E	030912ZNOV10 030912ZNOV10	0C
2	34	1	1017 1021	444607N0400053E 443104N0400042E	030915ZNOV10 030918ZNOV10	0C
2	35	1	1011 1014	443347N0400630E 443514N0400858E	030920ZNOV10 030921ZNOV10	0C
2	36	1	988 991	443700N0401700E 443846N0402441E	030922ZNOV10 030923ZNOV10	0C
2	37	1	1015 1016	445328N0405436E 445621N0410030E	030929ZNOV10 030930ZNOV10	0C
2	38	1	972 976	445535N0410732E 445503N0411242E	030931ZNOV10 030932ZNOV10	0C
2	39	1	985 987	450153N0415336E 450242N0415826E	030940ZNOV10 030940ZNOV10	0C
2	40	1	807 808	450212N0415934E 450159N0415949E	030946ZNOV10 030946ZNOV10	0C
2	41	1	888 922	450021N0420555E 450018N0420912E	030947ZNOV10 030948ZNOV10	0C
2	41	2	823 831	445731N0434825E 445719N0435413E	031001ZNOV10 031002ZNOV10	0C
2	42	1	835 839	445255N0435826E 444717N0440232E	031004ZNOV10 031005ZNOV10	0C
2	43	1	859 861	444742N0440748E 444905N0441332E	031006ZNOV10 031007ZNOV10	0C
2	44	1	891 894	445145N0442134E 445404N0442737E	031009ZNOV10 031010ZNOV10	0C
2	46	1	1022 1023	461634N0475800E 462223N0480159E	031045ZNOV10 031046ZNOV10	0C
2	47	1	1016 1018	462315N0480044E 462415N0474957E	031051ZNOV10 031053ZNOV10	0C
2	48	1	842 844	474323N0432418E 474517N0431735E	031141ZNOV10 031142ZNOV10	0C

2	49	1	908 911	480210N0423628E 480452N0423011E	031150ZNOV10 031151ZNOV10	0C
2	50	1	851 856	481750N0415231E 482012N0414529E	031158ZNOV10 031159ZNOV10	0C
2	51	1	845 847	472548N0400908E 472218N0400309E	031220ZNOV10 031221ZNOV10	0C
2	52	1	893 897	472016N0395621E 472019N0394811E	031223ZNOV10 031224ZNOV10	0C
2	53	1	909 965	471705N0394509E 471258N0394150E	031225ZNOV10 031226ZNOV10	0C
2	54	1	919 922	471313N0394111E 471617N0393829E	031231ZNOV10 031231ZNOV10	0C

(2) SENSOR USED: PG-OF_-V3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	886 902	553633N0363924E 553202N0364320E	020659ZNOV10 020700ZNOV10	1O
1	1	2	894 901	550157N0371055E 545504N0371708E	020709ZNOV10 020711ZNOV10	1O
1	2	1	960 968	541816N0373457E 541029N0373830E	020720ZNOV10 020722ZNOV10	1O
1	3	1	1006 1010	524209N0375954E 523819N0380047E	020744ZNOV10 020745ZNOV10	1S
1	4	1	852 857	511113N0413416E 510621N0414538E	020824ZNOV10 020826ZNOV10	0C
1	6	1	988 997	513345N0455655E 512806N0461559E	020906ZNOV10 020909ZNOV10	0C
1	8	1	913 918	513136N0461828E 512713N0460858E	020916ZNOV10 020918ZNOV10	0C
1	9	1	989 992	502206N0441959E 501911N0441516E	020941ZNOV10 020942ZNOV10	0C
1	10	1	854 860	500725N0451914E 500518N0453108E	020954ZNOV10 020956ZNOV10	0C
1	12	1	932 935	485255N0453923E 484733N0453919E	021014ZNOV10 021015ZNOV10	0C
1	13	1	964 967	484308N0454000E 483843N0454125E	021016ZNOV10 021017ZNOV10	0C
1	15	1	955 958	484117N0454744E 483846N0453719E	021024ZNOV10 021026ZNOV10	0C
1	16	1	959	483820N0453705E	021031ZNOV10	0C

			962	483325N0454922E	021033ZNOV10	
1	17	1	946 958	483449N0455342E 484224N0461530E	021034ZNOV10 021038ZNOV10	0C
1	18	1	961 984	484541N0461739E 484633N0461832E	021039ZNOV10 021039ZNOV10	0C
1	20	1	956 962	484154N0462108E 483849N0461010E	021042ZNOV10 021044ZNOV10	0C
1	21	1	921 953	483416N0461612E 483200N0461818E	021046ZNOV10 021047ZNOV10	0C
1	22	1	943 947	482601N0461936E 482222N0462018E	021048ZNOV10 021049ZNOV10	0C
1	23	1	945 950	481645N0461603E 482004N0460624E	021053ZNOV10 021054ZNOV10	0C
1	24	1	969 971	480951N0445248E 480900N0444709E	021106ZNOV10 021107ZNOV10	0C
1	25	1	877 878	482717N0443155E 483422N0442713E	021113ZNOV10 021115ZNOV10	0C
1	27	1	867 900	484636N0445139E 485211N0443819E	021121ZNOV10 021124ZNOV10	0C
1	28	1	878 886	485156N0443754E 484906N0443939E	021129ZNOV10 021129ZNOV10	0C
1	29	1	897 901	484620N0444058E 484616N0443124E	021135ZNOV10 021136ZNOV10	0C
1	30	1	839 842	484311N0442352E 484049N0441925E	021138ZNOV10 021139ZNOV10	0C
1	32	1	850 898	483931N0435540E 484445N0435014E	021143ZNOV10 021144ZNOV10	0C
1	33	1	864 868	484038N0434733E 483734N0434550E	021146ZNOV10 021147ZNOV10	0C
1	34	1	878 879	482631N0432241E 482539N0432046E	021151ZNOV10 021151ZNOV10	0C
1	34	2	888 893	480513N0423628E 480214N0423004E	021159ZNOV10 021200ZNOV10	0C
1	35	1	857 858	473744N0405940E 473654N0405631E	021215ZNOV10 021215ZNOV10	0C
1	35	2	864 867	472441N0401101E 471910N0395058E	021223ZNOV10 021226ZNOV10	0C
1	36	1	900 944	471841N0394806E 471636N0393756E	021227ZNOV10 021229ZNOV10	0C
2	1	1	927 934	471635N0393959E 471735N0392515E	030701ZNOV10 030704ZNOV10	1S

2	2	1	915 917	472221N0391924E 472406N0391717E	030705ZNOV10 030706ZNOV10	0C
2	3	1	919 924	471840N0390652E 471016N0385238E	030708ZNOV10 030711ZNOV10	0C
2	4	1	946 949	470955N0385036E 471746N0385227E	030716ZNOV10 030718ZNOV10	0C
2	5	1	945 946	464624N0381824E 463943N0381126E	030729ZNOV10 030731ZNOV10	0C
2	6	1	1000 1001	461540N0382548E 461239N0382736E	030737ZNOV10 030737ZNOV10	0C
2	7	1	1007 1009	455330N0381021E 455140N0380840E	030743ZNOV10 030743ZNOV10	0C
2	8	1	1022 1032	453905N0375928E 453639N0380006E	030747ZNOV10 030747ZNOV10	0C
2	10	1	1019 1035	453624N0375539E 453809N0375251E	030748ZNOV10 030749ZNOV10	0C
2	11	1	948 949	451642N0373235E 451340N0372940E	030756ZNOV10 030757ZNOV10	0C
2	12	1	938 961	451533N0372711E 451959N0372152E	030758ZNOV10 030800ZNOV10	0C
2	14	1	967 971	450818N0371719E 445336N0371815E	030804ZNOV10 030807ZNOV10	0C
2	15	1	973 975	445338N0371904E 445538N0372553E	030812ZNOV10 030813ZNOV10	0C
2	16	1	806 810	445147N0373141E 444825N0373634E	030815ZNOV10 030816ZNOV10	0C
2	17	1	914 932	444947N0374336E 445029N0374550E	030818ZNOV10 030818ZNOV10	0C
2	18	1	869 874	444542N0374613E 443754N0374636E	030820ZNOV10 030822ZNOV10	0C
2	21	1	864 894	444442N0374312E 444307N0375018E	030830ZNOV10 030831ZNOV10	0C
2	22	1	1062 1082	444037N0375243E 443742N0375527E	030832ZNOV10 030833ZNOV10	0C
2	23	1	957 959	443545N0375934E 443419N0380248E	030834ZNOV10 030834ZNOV10	0C
2	25	1	882 887	445302N0380111E 445913N0375938E	030840ZNOV10 030841ZNOV10	0C
2	26	1	1006 1007	451530N0384010E 451644N0384318E	030848ZNOV10 030849ZNOV10	0C
2	27	1	990 992	451201N0384553E 450747N0384728E	030851ZNOV10 030852ZNOV10	0C

2	28	1	982 987	450610N0385234E 450454N0385720E	030853ZNOV10 030854ZNOV10	0C
2	29	1	985 989	450218N0385835E 450004N0385910E	030855ZNOV10 030855ZNOV10	0C
2	30	1	993 1007	450254N0390105E 450412N0390157E	030857ZNOV10 030857ZNOV10	0C
2	31	1	969 989	450133N0390315E 450012N0390358E	030858ZNOV10 030859ZNOV10	0C
2	32	1	987 989	450023N0390454E 450245N0390948E	030904ZNOV10 030905ZNOV10	0C
2	33	1	927 930	445601N0395705E 445530N0400040E	030912ZNOV10 030912ZNOV10	0C
2	34	1	1017 1021	444607N0400053E 443104N0400042E	030915ZNOV10 030918ZNOV10	0C
2	35	1	1011 1014	443347N0400630E 443514N0400858E	030920ZNOV10 030921ZNOV10	0C
2	36	1	988 991	443700N0401700E 443846N0402441E	030922ZNOV10 030923ZNOV10	0C
2	37	1	1015 1016	445328N0405436E 445621N0410030E	030929ZNOV10 030930ZNOV10	0C
2	38	1	972 976	445535N0410732E 445503N0411242E	030931ZNOV10 030932ZNOV10	0C
2	39	1	985 987	450153N0415336E 450242N0415826E	030940ZNOV10 030940ZNOV10	0C
2	40	1	807 808	450212N0415934E 450159N0415949E	030946ZNOV10 030946ZNOV10	0C
2	41	1	888 922	450021N0420555E 450018N0420912E	030947ZNOV10 030948ZNOV10	0C
2	41	2	823 831	445731N0434825E 445719N0435413E	031001ZNOV10 031002ZNOV10	0C
2	42	1	835 839	445255N0435826E 444717N0440232E	031004ZNOV10 031005ZNOV10	0C
2	43	1	859 861	444742N0440748E 444905N0441332E	031006ZNOV10 031007ZNOV10	0C
2	44	1	891 894	445145N0442134E 445404N0442737E	031009ZNOV10 031010ZNOV10	0C
2	46	1	1022 1023	461634N0475800E 462223N0480159E	031045ZNOV10 031046ZNOV10	0C
2	47	1	1016 1018	462315N0480044E 462415N0474957E	031051ZNOV10 031053ZNOV10	0C
2	48	1	842	474323N0432418E	031141ZNOV10	0C

			844	474517N0431735E	031142ZNOV10	
2	49	1	908 911	480210N0423628E 480452N0423011E	031150ZNOV10 031151ZNOV10	0C
2	50	1	851 856	481750N0415231E 482012N0414529E	031158ZNOV10 031159ZNOV10	0C
2	51	1	845 847	472548N0400908E 472218N0400309E	031220ZNOV10 031221ZNOV10	0C
2	52	1	893 897	472016N0395621E 472019N0394811E	031223ZNOV10 031224ZNOV10	0C
2	53	1	909 965	471705N0394509E 471258N0394150E	031225ZNOV10 031226ZNOV10	0C
2	54	1	919 922	471313N0394111E 471617N0393829E	031231ZNOV10 031231ZNOV10	0C

(3) SENSOR USED: PG-OF_-R3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	886 902	553633N0363924E 553202N0364320E	020659ZNOV10 020700ZNOV10	1O
1	1	2	894 901	550157N0371055E 545504N0371708E	020709ZNOV10 020711ZNOV10	1O
1	2	1	960 968	541816N0373457E 541029N0373830E	020720ZNOV10 020722ZNOV10	1O
1	3	1	1006 1010	524209N0375954E 523819N0380047E	020744ZNOV10 020745ZNOV10	1S
1	4	1	852 857	511113N0413416E 510621N0414538E	020824ZNOV10 020826ZNOV10	0C
1	6	1	988 997	513345N0455655E 512806N0461559E	020906ZNOV10 020909ZNOV10	0C
1	8	1	913 918	513136N0461828E 512713N0460858E	020916ZNOV10 020918ZNOV10	0C
1	9	1	989 992	502206N0441959E 501911N0441516E	020941ZNOV10 020942ZNOV10	0C
1	10	1	854 860	500725N0451914E 500518N0453108E	020954ZNOV10 020956ZNOV10	0C
1	12	1	932 935	485255N0453923E 484733N0453919E	021014ZNOV10 021015ZNOV10	0C
1	13	1	964 967	484308N0454000E 483843N0454125E	021016ZNOV10 021017ZNOV10	0C
1	15	1	955 958	484117N0454744E 483846N0453719E	021024ZNOV10 021026ZNOV10	0C

1	16	1	959 962	483820N0453705E 483325N0454922E	021031ZNOV10 021033ZNOV10	0C
1	17	1	946 958	483449N0455342E 484224N0461530E	021034ZNOV10 021038ZNOV10	0C
1	18	1	961 984	484541N0461739E 484633N0461832E	021039ZNOV10 021039ZNOV10	0C
1	20	1	956 962	484154N0462108E 483849N0461010E	021042ZNOV10 021044ZNOV10	0C
1	21	1	921 953	483416N0461612E 483200N0461818E	021046ZNOV10 021047ZNOV10	0C
1	22	1	943 947	482601N0461936E 482222N0462018E	021048ZNOV10 021049ZNOV10	0C
1	23	1	945 950	481645N0461603E 482004N0460624E	021053ZNOV10 021054ZNOV10	0C
1	24	1	969 971	480951N0445248E 480900N0444709E	021106ZNOV10 021107ZNOV10	0C
1	25	1	877 878	482717N0443155E 483422N0442713E	021113ZNOV10 021115ZNOV10	0C
1	27	1	867 900	484636N0445139E 485211N0443819E	021121ZNOV10 021124ZNOV10	0C
1	28	1	878 886	485156N0443754E 484906N0443939E	021129ZNOV10 021129ZNOV10	0C
1	29	1	897 901	484620N0444058E 484616N0443124E	021135ZNOV10 021136ZNOV10	0C
1	30	1	839 842	484311N0442352E 484049N0441925E	021138ZNOV10 021139ZNOV10	0C
1	32	1	850 898	483931N0435540E 484445N0435014E	021143ZNOV10 021144ZNOV10	0C
1	33	1	864 868	484038N0434733E 483734N0434550E	021146ZNOV10 021147ZNOV10	0C
1	34	1	878 879	482631N0432241E 482539N0432046E	021151ZNOV10 021151ZNOV10	0C
1	34	2	888 893	480513N0423628E 480214N0423004E	021159ZNOV10 021200ZNOV10	0C
1	35	1	857 858	473744N0405940E 473654N0405631E	021215ZNOV10 021215ZNOV10	0C
1	35	2	864 867	472441N0401101E 471910N0395058E	021223ZNOV10 021226ZNOV10	0C
1	36	1	900 944	471841N0394806E 471636N0393756E	021227ZNOV10 021229ZNOV10	0C
2	1	1	927 934	471635N0393959E 471735N0392515E	030701ZNOV10 030704ZNOV10	1S

2	2	1	915 917	472221N0391924E 472406N0391717E	030705ZNOV10 030706ZNOV10	0C
2	3	1	919 924	471840N0390652E 471016N0385238E	030708ZNOV10 030711ZNOV10	0C
2	4	1	946 949	470955N0385036E 471746N0385227E	030716ZNOV10 030718ZNOV10	0C
2	5	1	945 946	464624N0381824E 463943N0381126E	030729ZNOV10 030731ZNOV10	0C
2	6	1	1000 1001	461540N0382548E 461239N0382736E	030737ZNOV10 030737ZNOV10	0C
2	7	1	1007 1009	455330N0381021E 455140N0380840E	030743ZNOV10 030743ZNOV10	0C
2	8	1	1022 1032	453905N0375928E 453639N0380006E	030747ZNOV10 070347ZNOV10	0C
2	10	1	1019 1035	453624N0375539E 453809N0375251E	030748ZNOV10 030749ZNOV10	0C
2	11	1	948 949	451642N0373235E 451340N0372940E	030756ZNOV10 030757ZNOV10	0C
2	12	1	938 961	451533N0372711E 451959N0372152E	030758ZNOV10 030800ZNOV10	0C
2	14	1	967 971	450818N0371719E 445336N0371815E	030804ZNOV10 030807ZNOV10	0C
2	15	1	973 975	445338N0371904E 445538N0372553E	030812ZNOV10 030813ZNOV10	0C
2	16	1	806 810	445147N0373141E 444825N0373634E	030815ZNOV10 030816ZNOV10	0C
2	17	1	914 932	444947N0374336E 445029N0374550E	030818ZNOV10 030818ZNOV10	0C
2	18	1	869 874	444542N0374613E 443754N0374636E	030820ZNOV10 030822ZNOV10	0C
2	21	1	864 894	444442N0374312E 444307N0375018E	030830ZNOV10 030831ZNOV10	0C
2	22	1	1062 1082	444037N0375243E 443742N0375527E	030832ZNOV10 030833ZNOV10	0C
2	23	1	957 959	443545N0375934E 443419N0380248E	030834ZNOV10 030834ZNOV10	0C
2	25	1	882 887	445302N0380111E 445913N0375938E	030840ZNOV10 030841ZNOV10	0C
2	26	1	1006 1007	451530N0384010E 451644N0384318E	030848ZNOV10 030849ZNOV10	0C
2	27	1	990	451201N0384553E	030851ZNOV10	0C

			992	450747N0384728E	030852ZNOV10	
2	28	1	982 987	450610N0385234E 450454N0385720E	030853ZNOV10 030854ZNOV10	0C
2	29	1	985 989	450218N0385835E 450004N0385910E	030855ZNOV10 030855ZNOV10	0C
2	30	1	993 1007	450254N0390105E 450412N0390157E	030857ZNOV10 030857ZNOV10	0C
2	31	1	969 989	450133N0390315E 450012N0390358E	030858ZNOV10 030859ZNOV10	0C
2	32	1	987 989	450023N0390454E 450245N0390948E	030904ZNOV10 030905ZNOV10	0C
2	33	1	927 930	445601N0395705E 445530N0400040E	030912ZNOV10 030912ZNOV10	0C
2	34	1	1017 1021	444607N0400053E 443104N0400042E	030915ZNOV10 030918ZNOV10	0C
2	35	1	1011 1014	443347N0400630E 443514N0400858E	030920ZNOV10 030921ZNOV10	0C
2	36	1	988 991	443700N0401700E 443846N0402441E	030922ZNOV10 030923ZNOV10	0C
2	37	1	1015 1016	445328N0405436E 445621N0410030E	030929ZNOV10 030930ZNOV10	0C
2	38	1	972 976	445535N0410732E 445503N0411242E	030931ZNOV10 030932ZNOV10	0C
2	39	1	985 987	450153N0415336E 450242N0415826E	030940ZNOV10 030940ZNOV10	0C
2	40	1	807 808	450212N0415934E 450159N0415949E	030946ZNOV10 030946ZNOV10	0C
2	41	1	888 922	450021N0420555E 450018N0420912E	030947ZNOV10 030948ZNOV10	0C
2	41	2	823 831	445731N0434825E 445719N0435413E	031001ZNOV10 031002ZNOV10	0C
2	42	1	835 839	445255N0435826E 444717N0440232E	031004ZNOV10 031005ZNOV10	0C
2	43	1	859 861	444742N0440748E 444905N0441332E	031006ZNOV10 031007ZNOV10	0C
2	44	1	891 894	445145N0442134E 445404N0442737E	031009ZNOV10 031010ZNOV10	0C
2	46	1	1022 1023	461634N0475800E 462223N0480159E	031045ZNOV10 031046ZNOV10	0C
2	47	1	1016 1018	462315N0480044E 462415N0474957E	031051ZNOV10 031053ZNOV10	0C

2	48	1	842 844	474323N0432418E 474517N0431735E	031141ZNOV10 031142ZNOV10	0C
2	49	1	908 911	480210N0423628E 480452N0423011E	031150ZNOV10 031151ZNOV10	0C
2	50	1	851 856	481750N0415231E 482012N0414529E	031158ZNOV10 031159ZNOV10	0C
2	51	1	845 847	472548N0400908E 472218N0400309E	031220ZNOV10 031221ZNOV10	0C
2	52	1	893 897	472016N0395621E 472019N0394811E	031223ZNOV10 031224ZNOV10	0C
2	53	1	909 965	471705N0394509E 471258N0394150E	031225ZNOV10 031226ZNOV10	0C
2	54	1	919 922	471313N0394111E 471617N0393829E	031231ZNOV10 031231ZNOV10	0C

(4) SENSOR USED: PG-OP_-P3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	8	1	913 918	513136N0461828E 512713N0460858E	020916ZNOV10 020918ZNOV10	0C
1	13	1	964 967	484308N0454000E 483843N0454125E	021016ZNOV10 021017ZNOV10	0C
1	15	1	955 958	484117N0454744E 483846N0453719E	021024ZNOV10 021026ZNOV10	0C
1	16	1	959 962	483820N0453705E 483325N0454922E	021031ZNOV10 021033ZNOV10	0C
1	17	1	946 958	483449N0455342E 484224N0461530E	021034ZNOV10 021038ZNOV10	0C
1	23	1	945 950	481645N0461603E 482004N0460624E	021053ZNOV10 021054ZNOV10	0C
1	36	1	900 944	471841N0394806E 471636N0393756E	021227ZNOV10 021229ZNOV10	0C
2	4	1	946 949	470955N0385036E 471803N0385231E	030716ZNOV10 030718ZNOV10	0C
2	18	1	869 875	444550N0374613E 443738N0374636E	030820ZNOV10 030822ZNOV10	0C
2	21	1	864 894	444442N0374312E 444302N0375040E	030830ZNOV10 030831ZNOV10	0C
2	22	1	1061 1085	444044N0375237E 443728N0375540E	030832ZNOV10 030833ZNOV10	0C
2	29	1	985 990	450225N0385832E 445956N0385912E	030855ZNOV10 030855ZNOV10	0C

2	30	1	993 1009	450247N0390100E 450427N0390205E	030857ZNOV10 030857ZNOV10	0C
2	31	1	968 989	450140N0390312E 445957N0390405E	030858ZNOV10 030859ZNOV10	0C
2	35	1	1011 1014	443341N0400620E 443514N0400858E	030920ZNOV10 030921ZNOV10	0C
2	46	1	1021 1024	461626N0475755E 462238N0480209E	031045ZNOV10 031046ZNOV10	0C
2	47	1	1016 1018	462314N0480056E 462409N0475107E	031051ZNOV10 031053ZNOV10	0C

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE:
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

PREFLIGHT-INSPECTION: OK
FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJOR STONE**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **040700ZNOV10**

6. REMARKS:

OUTSTANDING SUPPORT FROM THE RUSSIAN ESCORT TEAM. OUR APPRECIATION IS ALSO CONVEYED TO THE DEDICATED ROSTOV ESCORT MEMBERS. CANADA REALLY APPRECIATES THE FLEXIBILITY PROVIDED BY THE RUSSIAN FEDERATION ESPECIALLY IN LIGHT OF THE CHANGES CAUSED AS A RESULT OF THE AIRCRAFT TECHNICAL PROBLEM.

CANADA ALSO WOULD LIKE TO INDICATE THAT NO SENSORS WERE USED DURING SEGMENT THREE. SEGMENT THREE WAS A TRANSIT LEG FROM ROSTOV XRRO TO KUBINKA UUMB.

THANK YOU FOR AN EXCELLENT MISSION!

7. END OF OS MESSAGE NUMBER: **OS/CA/10/0065/F14/O**

OS FORMAT 14

PRECEDENCE: PRIORITY

FROM: CANADA

TO: ALL STATES PARTIES

INFO: BELARUS/RUSSIAN FEDERATION

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/10/0032/F14/O**
2. OS MESSAGE DATE AND TIME: **101719ZJUN10**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: **OS/CA/10/0022/F12/O**
5. CONTENT
 - A. OBSERVATION FLIGHT
 - (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
 - (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **BELARUS/RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **OS-0-138**
 - (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **311239ZMAY10**
 - (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
 - (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **C-130E**
 - B. ITINERARY
 - (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: **KUBINKA**
 - (i) ICAO DESIGNATOR: **UUMB**
 - (ii) GEOGRAPHIC CO-ORDINATES: **553642N, 0363900E**
 - (b) DATE AND TIME OF TAKEOFF: **020552ZMAY10**
 - (c) LEGS OF THIS SEGMENT:
 - 1, **560329N0352614E**
 - 2, **560924N0345118E**
 - 3, **561634N0341540E**
 - 4, **561427N0324139E**
 - 5, **560510N0300641E**
 - 6, **555735N0294727E**
 - 7, **552948N0284238E**

8, 550137N0284530E
9, 545135N0285731E
10, 541931N0283634E
11, 535211N0280124E
12, 535759N0273027E
13, 534504N0273518E
14, 531631N0284116E
15, 530629N0315616E
16, 525039N0333646E
17, 523710N0394911E
18, 520857N0392747E
19, 513159N0390516E
20, 503657N0393638E
21, 500151N0401034E
22, 491052N0401721E
23, 485334N0401714E
24, 481656N0401737E
25, 473817N0394208E
26, 471030N0384906E
27, 471735N0385044E
28, 471641N0393812E

(d) LANDING AIRFIELD: **ROSTOV CENTRAL**

(i) ICAO DESIGNATOR: **XRRO**

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(e) DATE AND TIME OF LANDING: **021139ZJUN10**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **ROSTOV CENTRAL**

(i) ICAO DESIGNATOR: **XRRO**

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(b) DATE AND TIME OF TAKEOFF:

(c) LEGS OF THIS SEGMENT:

1, 470601N0394848E
2, 461147N0480448E
3, 481207N0461600E
4, 484214N0455928E
5, 484235N0461605E
6, 483151N0454837E
7, 484448N0454201E
8, 501108N0452022E
9, 502011N0441404E
10, 511853N0454257E
11, 513504N0460451E
12, 512410N0461712E
13, 513335N0454740E
14, 510443N0420454E
15, 510856N0413618E
16, 524533N0391700E
17, 530416N0390553E
18, 540205N0382027E
19, 541624N0374104E

20, 541205N0373152E
 21, 543205N0365849E
 22, 550049N0362546E
 23, 550841N0364128E
 24, 552216N0362726E
 25, 553642N0363900E

(d) LANDING AIRFIELD: KUBINKA

(i) ICAO DESIGNATOR: UUMB

(ii) GEOGRAPHIC CO-ORDINATES:
 553642N, 0363900E

(e) DATE AND TIME OF LANDING:

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 4905KM

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__-L3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	993 1095	553658N0363812E 554214N0362412E	020600ZJUN10 020603ZJUN10	1O
1	1	2	952 1040	555159N0355750E 560303N0352723E	020607ZJUN10 020612ZJUN10	1O
1	2	1	976 1025	560544N0351255E 560900N0345332E	020614ZJUN10 020617ZJUN10	1B
1	3	1	806 810	561132N0344036E 561216N0343658E	020619ZJUN10 020619ZJUN10	1B
1	3	2	806 808	561428N0342609E 561627N0341607E	020621ZJUN10 020623ZJUN10	1B
1	4	1	935 1021	561518N0331433E 561429N0324313E	020631ZJUN10 020635ZJUN10	1B
1	5	1	806 808	561341N0322645E 561320N0322014E	020638ZJUN10 020639ZJUN10	1O
1	5	2	806 807	560536N0301323E 560512N0300740E	020655ZJUN10 020656ZJUN10	1B
1	6	1	806 810	560146N0295801E 555912N0295136E	020657ZJUN10 020658ZJUN10	1B
1	7	1	806 810	553502N0285439E 553005N0284321E	020708ZJUN10 020710ZJUN10	1B
1	9	1	838 876	545817N0284931E 545228N0285626E	020719ZJUN10 021720ZJUN10	1B
1	10	1	806 844	543445N0284627E 542940N0284308E	020725ZJUN10 020727ZJUN10	1B

1	11	1	800 852	541553N0283154E 535228N0280147E	020730ZJUN10 020738ZJUN10	1S
1	12	1	806 808	535507N0274542E 535556N0274124E	020740ZJUN10 020741ZJUN10	1C
1	13	1	806 810	535325N0273208E 534539N0273502E	020743ZJUN10 020745ZJUN10	1C
1	14	1	821 850	533619N0275546E 532757N0281509E	020749ZJUN10 020753ZJUN10	1C
1	15	1	848 878	531516N0291230E 531503N0291755E	020802ZJUN10 020803ZJUN10	1C
1	15	2	853 896	530805N0313059E 530647N0315123E	020823ZJUN10 020827ZJUN10	0C
1	16	1	806 808	530243N0322102E 530206N0322503E	020832ZJUN10 020832ZJUN10	0C
1	16	2	806 844	525506N0330925E 525110N0333337E	020840ZJUN10 020845ZJUN10	1C
1	17	1	1012 1063	524959N0342545E 524952N0343235E	020853ZJUN10 020854ZJUN10	1C
1	17	2	1020 1077	524344N0374733E 524255N0380459E	020923ZJUN10 020926ZJUN10	1B
1	17	3	1082 1200	524116N0383750E 523813N0393200E	020931ZJUN10 020939ZJUN10	1S
1	18	1	830 885	523404N0394656E 522824N0394230E	020942ZJUN10 020944ZJUN10	1C
1	18	2	840 996	521345N0393124E 521104N0392923E	020948ZJUN10 020948ZJUN10	1C
1	19	1	817 895	520431N0392503E 513313N0390602E	020950ZJUN10 020959ZJUN10	1C
1	20	1	805 885	512739N0390743E 511413N0391533E	021000ZJUN10 021004ZJUN10	1C
1	21	1	830 915	501151N0400100E 500518N0400716E	021021ZJUN10 021023ZJUN10	1C
1	22	1	806 870	495608N0401121E 495345N0401140E	021025ZJUN10 021026ZJUN10	1C
1	23	1	825 855	490053N0401718E 485527N0401716E	021039ZJUN10 021041ZJUN10	1C
1	24	1	855 950	483247N0401727E 481803N0401736E	021046ZJUN10 021050ZJUN10	1C
1	25	1	864 989	481100N0401209E 480227N0400413E	021052ZJUN10 021024ZJUN10	1C
1	26	1	848 955	472003N0390710E 471039N0384925E	021109ZJUN10 021113ZJUN10	1C

1	27	1	867 952	471145N0384923E 471712N0385038E	021115ZJUN10 021117ZJUN10	0C
1	28	1	908 962	471727N0385938E 471640N0393815E	021119ZJUN10 021125ZJUN10	0C

(2) SENSOR USED: PG-OF__-V3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	993 1095	553658N0363812E 554214N0362412E	020600ZJUN10 020603ZJUN10	1O
1	1	2	952 1040	555159N0355750E 560303N0352723E	020607ZJUN10 020612ZJUN10	1O
1	2	1	976 1025	560544N0351255E 560900N0345332E	020614ZJUN10 020617ZJUN10	1B
1	3	1	806 810	561132N0344036E 561216N0343658E	020619ZJUN10 020619ZJUN10	1B
1	3	2	806 808	561428N0342609E 561627N0341607E	020621ZJUN10 020623ZJUN10	1B
1	4	1	935 1021	561518N0331433E 561429N0324313E	020631ZJUN10 020635ZJUN10	1B
1	5	1	806 808	561341N0322645E 561320N0322014E	020638ZJUN10 020639ZJUN10	1O
1	5	2	806 807	560536N0301323E 560512N0300740E	020655ZJUN10 020656ZJUN10	1B
1	6	1	806 810	560146N0295801E 555912N0295136E	020657ZJUN10 020658ZJUN10	1B
1	7	1	806 810	553502N0285439E 553005N0284321E	020708ZJUN10 020710ZJUN10	1B
1	9	1	838 876	545817N0284931E 545228N0285626E	020719ZJUN10 020720ZJUN10	1B
1	10	1	806 844	543445N0284627E 542940N0284308E	020725ZJUN10 020727ZJUN10	1B
1	11	1	800 852	541553N0283154E 535228N0280147E	020730ZJUN10 020738ZJUN10	1S
1	12	1	806 808	535507N0274542E 535556N0274124E	020740ZJUN10 020741ZJUN10	1C
1	13	1	806 810	535325N0273208E 534539N0273502E	020743ZJUN10 020745ZJUN10	1C
1	14	1	821 850	533619N0275546E 532757N0281509E	020749ZJUN10 020753ZJUN10	1C
1	15	1	848	531516N0291230E	020802ZJUN10	1C

			878	531503N0291755E	020803ZJUN10	
1	15	2	853 896	530805N0313059E 530647N0315123E	020823ZJUN10 020827ZJUN10	0C
1	16	1	806 808	530243N0322102E 530206N0322503E	020832ZJUN10 020832ZJUN10	0C
1	16	2	806 844	525506N0330925E 525110N0333337E	020840ZJUN10 020845ZJUN10	1C
1	17	1	1012 1063	524959N0342545E 524952N0343235E	020853ZJUN10 020854ZJUN10	1C
1	17	2	1020 1077	524344N0374733E 524255N0380459E	020923ZJUN10 020926ZJUN10	1B
1	17	3	1082 1200	524116N0383750E 523813N0393200E	020931ZJUN10 020939ZJUN10	1S
1	18	1	830 885	523404N0394656E 522824N0394230E	020942ZJUN10 020944ZJUN10	1C
1	18	2	840 996	521345N0393124E 521104N0392923E	020948ZJUN10 020948ZJUN10	1C
1	19	1	817 895	520431N0392503E 513313N0390602E	020950ZJUN10 020959ZJUN10	1C
1	20	1	805 885	512739N0390743E 511413N0391533E	021000ZJUN10 021004ZJUN10	1C
1	21	1	830 915	501151N0400100E 500518N0400716E	021021ZJUN10 021023ZJUN10	1C
1	22	1	806 870	495608N0401121E 495345N0401140E	021025ZJUN10 021026ZJUN10	1C
1	23	1	825 855	490053N0401718E 485527N0401716E	021039ZJUN10 021041ZJUN10	1C
1	24	1	855 950	483247N0401727E 481803N0401736E	021046ZJUN10 021050ZJUN10	1C
1	25	1	864 989	481100N0401209E 480227N0400413E	021052ZJUN10 021054ZJUN10	1C
1	26	1	848 955	472003N0390710E 471039N0384925E	021109ZJUN10 021113ZJUN10	1C
1	27	1	867 952	471145N0384923E 471712N0385038E	021115ZJUN10 021117ZJUN10	0C
1	28	1	908 962	471727N0385938E 471640N0393815E	021119ZJUN10 021125ZJUN10	0C

(3) SENSOR USED: PG-OF__-R3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
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1	1	1	993 1095	553658N0363812E 554214N0362412E	020600ZJUN10 020603ZJUN10	1O
1	1	2	952 1040	555159N0355750E 560303N0352723E	020607ZJUN10 020612ZJUN10	1O
1	2	1	976 1025	560544N0351255E 560900N0345332E	020614ZJUN10 020617ZJUN10	1B
1	3	1	806 810	561132N0344036E 561216N0343658E	020619ZJUN10 020619ZJUN10	1B
1	3	2	806 808	561428N0342609E 561627N0341607E	020621ZJUN10 020623ZJUN10	1B
1	4	1	935 1021	561518N0331433E 561429N0324313E	020631ZJUN10 020635ZJUN10	1B
1	5	1	806 808	561341N0322645E 561320N0322014E	020638ZJUN10 020639ZJUN10	1O
1	5	2	806 808	560536N0301323E 560512N0300740E	020655ZJUN10 020656ZJUN10	1B
1	6	1	806 810	560146N0295801E 555912N0295136E	020657ZJUN10 020658ZJUN10	1B
1	7	1	806 810	553502N0285439E 553005N0284321E	020708ZJUN10 020710ZJUN10	1B
1	9	1	838 876	545817N0284931E 545228N0285626E	020719ZJUN10 020720ZJUN10	1B
1	10	1	806 844	543445N0284627E 542940N0284308E	020725ZJUN10 020727ZJUN10	1B
1	11	1	800 852	541553N0283154E 535228N0280147E	020730ZJUN10 020738ZJUN10	1S
1	12	1	806 808	535507N0274542E 535556N0274124E	020740ZJUN10 020741ZJUN10	1C
1	13	1	806 810	535325N0273208E 534539N0273502E	020743ZJUN10 020745ZJUN10	1C
1	14	1	821 850	533619N0275546E 532757N0281509E	020749ZJUN10 020753ZJUN10	1C
1	15	1	848 878	531516N0291230E 531503N0291755E	020802ZJUN10 020803ZJUN10	1C
1	15	2	853 896	530805N0313059E 530647N0315123E	020823ZJUN10 020827ZJUN10	0C
1	16	1	806 808	530243N0322102E 530206N0322503E	020832ZJUN10 080232ZJUN10	0C
1	16	2	806 844	525506N0330925E 525445N0331138E	020840ZJUN10 020841ZJUN10	1C
1	17	1	1012 1059	524959N0342545E 524952N0343235E	020853ZJUN10 020854ZJUN10	1C

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1	17	2	230 1040	524344N0374733E 524311N0375929E	020923ZJUN10 020925ZJUN10	1B
1	17	3	1090 1095	524116N0383750E 524114N0383829E	020931ZJUN10 020931ZJUN10	1S
1	17	4	1100 1125	524035N0385032E 524022N0385429E	020933ZJUN10 020933ZJUN10	1S
1	18	1	850 885	523404N0394656E 523232N0394543E	020942ZJUN10 020943ZJUN10	1C

(4) SENSOR USED: PG-OP__-P3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	5	1	806 808	560536N0301323E 560511N0300725E	020655ZJUN10 020656ZJUN10	1B
1	17	1	1082 1202	524116N0383750E 523811N0393226E	020931ZJUN10 020939ZJUN10	1S
1	18	1	830 996	521345N0393124E 521111N0392929E	020948ZJUN10 020948ZJUN10	1C
1	27	1	867 907	471137N0384921E 471712N0385038E	021115ZJUN10 021117ZJUN10	0C
1	28	1	925 993	471728N0385927E 471721N0390431E	021119ZJUN10 021120ZJUN10	0C

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE:
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: YES

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

**SEGMENT 2 OF THE MISSION PLAN WAS NOT FLOWN DUE TO AIRCRAFT UNSERVICABILITY.
 PREFLIGHT-INSPECTION: OK
 FILM PROCESSED BY: CANADA**

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: MAJ MASNYK

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: 041820ZJUN10

6. REMARKS:

ONE CANADIAN MEMBER REQUIRED A VISA TO BE PROCESSED UPON ARRIVAL AT POE. CANADA ACKNOWLEDGES THE SUPPORT OF THE RUSSIAN FEDERATION TO PROCESS THE VISA IN THE MOST EXPEDITIOUS MANNER. THE MISSION WAS TERMINATED AT THE START OF SEGMENT 2 DUE TO A MAINTENANCE ISSUE WITH THE OBSERVATION AIRCRAFT AND THE SEGMENT 2 MISSION PLAN WAS NOT FLOWN. THE TOTAL FLIGHT DISTANCE FLOWN WAS 2390KM. FLIGHT FROM ROSTOV TO KUBINKA WILL BE FLOWN AS A TRANSIT FLIGHT. CANADA APPRECIATES THE OUTSTANDING HOSPITALITY AND FLEXIBILITY PROVIDED BY THE RUSSIAN FEDERATION.

7. END OF OS MESSAGE NUMBER: OS/CA/10/0032/F14/O

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO: RUSSIAN FEDERATION

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/09/0029/F14/O
2. OS MESSAGE DATE AND TIME: 191424ZAUG09
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/09/0025/F12/O; OS/RU/09/0167/F13/O
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS9140
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 101205ZAUG09
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C-130E

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: Kubinka
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES: 553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: 120550ZAUG09
 - (c) LEGS OF THIS SEGMENT:
 - 1, 554632N 0371336E
 - 2, 560223N 0370107E
 - 3, 561053N 0364549E
 - 4, 562519N 0363615E
 - 5, 564248N 0361305E
 - 6, 565714N 0354940E
 - 7, 570348N 0344957E

8, 580054N 0350735E
9, 581706N 0352344E
10, 621632N 0395453E
11, 623832N 0402849E
12, 630058N 0402126E
13, 630108N 0410811E
14, 625328N 0401204E
15, 625353N 0415251E
16, 642637N 0404510E
17, 643502N 0400713E
18, 643515N 0394009E
19, 645654N 0390912E
20, 670532N 0351529E
21, 672202N 0344303E
22, 673059N 0342437E
23, 672143N 0324444E
24, 675343N 0325611E
25, 681350N 0331106E
26, 680210N 0335217E
27, 681640N 0335915E
28, 680906N 0332812E

- (d) LANDING AIRFIELD: **Olenya**
 - (i) ICAO DESIGNATOR: **XLMO**
 - (ii) GEOGRAPHIC CO-ORDINATES:
680906N, 0332812E
- (e) DATE AND TIME OF LANDING: **121102ZAUG09**
- (2) FLIGHT SEGMENT NUMBER: **2**
 - (a) DEPARTURE AIRFIELD: **Olenya**
 - (i) ICAO DESIGNATOR: **XLMO**
 - (ii) GEOGRAPHIC CO-ORDINATES:
680906N, 0332812E
 - (b) DATE AND TIME OF TAKEOFF: **130450ZAUG09**
 - (c) LEGS OF THIS SEGMENT:
 - 1, 684730N 0334722E
 - 2, 691723N 0331908E
 - 3, 690145N 0332755E
 - 4, 690245N 0325848E
 - 5, 692511N 0324612E
 - 6, 690014N 0321631E
 - 7, 690641N 0321552E
 - 8, 692623N 0322917E
 - 9, 692308N 0315736E
 - 10, 694218N 0312602E
 - 11, 692900N 031656E
 - 12, 693623N 0311720E
 - 13, 693010N 0310759E
 - 14, 692558N 0311227E
 - 15, 692334N 0305342E
 - 16, 690219N 0304900E
 - 17, 672030N 0302930E
 - 18, 670522N 0302730E
 - 19, 664815N 0300917E

20, 662022N 0304336E
21, 621626N 0334541E
22, 615737N 0335926E
23, 614225N 0343252E
24, 610120N 0315728E
25, 605752N 0303639E
26, 610834N 0295557E
27, 600653N 0301957E
28, 600227N 0295253E
29, 600252N 0293517E
30, 595832N 0295223E
31, 595308N 0304215E
32, 594437N 0295601E
33, 594106N 0302017E

(d) LANDING AIRFIELD: **Pushkin**

(i) ICAO DESIGNATOR: **ULLP**

(ii) GEOGRAPHIC CO-ORDINATES:
594106N, 0302017E

(e) DATE AND TIME OF LANDING: **130945ZAUG09**

(3) FLIGHT SEGMENT NUMBER: **3**

(a) DEPARTURE AIRFIELD: **Pushkin**

(i) ICAO DESIGNATOR: **ULLP**

(ii) GEOGRAPHIC CO-ORDINATES:
594106N, 0302017E

(b) DATE AND TIME OF TAKEOFF:

(c) LEGS OF THIS SEGMENT:

1, 592954N 0295105E
2, 593408N 0301958E
3, 592438N 0302746E
4, 591306N 0303941E
5, 575942N 0315210E
6, 574124N 0321327E
7, 573327N 0324506E
8, 570203N 0331211E
9, 565045N 0334739E
10, 561901N 0340223E
11, 555912N 0354508E
12, 560509N 0362150E
13, 553507N 0360004E
14, 552307N 0353443E
15, 550001N 0362921E
16, 551558N 0364501E
17, 553642N 0363900E

(d) LANDING AIRFIELD: **Kubinka**

(i) ICAO DESIGNATOR: **UUMB**

(ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E

(e) DATE AND TIME OF LANDING:

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: **4892 KM**

D. OBSERVATION PERIODS

(1) SENSOR USED: **PG-OF_-L3F**

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	766 844	553641N 0363906E 554603N 0371153E	120559ZAUG09 120604ZAUG09	1C
1	3	1	1077 1128	560618N 0365403E 560846N 0364937E	120610ZAUG09 120611ZAUG09	0C
1	5	1	825 844	563600N 0362205E 564116N 0361504E	120619ZAUG09 120621ZAUG09	1C
1	6	1	816 835	565050N 0360002E 565457N 0355319E	120624ZAUG09 120625ZAUG09	1C
1	7	1	762 807	570218N 0350341E 570316N 0345445E	120632ZAUG09 120634ZAUG09	1C
1	8	1	771 811	575048N 0350422E 575831N 0350648E	120647ZAUG09 120648ZAUG09	1C
1	10	1	744 780	582206N 0352839E 582512N 0353143E	120655ZAUG09 120656ZAUG09	1C
1	10	2	818 829	591639N 0362417E 591858N 0362643E	120710ZAUG09 120711ZAUG09	0C
1	10	3	737 794	603839N 0375439E 604046N 0375705E	120734ZAUG09 120735ZAUG09	0C
1	10	4	796 816	612731N 0385247E 613142N 0385755E	120748ZAUG09 120749ZAUG09	0C
1	12	1	780 853	624233N 0402735E 625855N 0402206E	120810ZAUG09 120814ZAUG09	1C
1	13	1	840 853	630106N 0405028E 630107N 0405821E	120818ZAUG09 120819ZAUG09	1C
1	14	1	806 858	625846N 0405031E 625458N 0402249E	120827ZAUG09 120830ZAUG09	1C
1	15	1	799 841	625331N 0401423E 625347N 0405719E	120837ZAUG09 120841ZAUG09	1C
1	15	2	826 858	625354N 0413356E 625353N 0415054E	120846ZAUG09 120847ZAUG09	1C
1	17	1	892 902	642753N 0403933E 642955N 0403020E	120912ZAUG09 120913ZAUG09	0C
1	17	2	895 904	643242N 0401748E 643325N 0401429E	120914ZAUG09 120915ZAUG09	1C

1	18	1	880 897	643508N 0395500E 643513N 0394315E	120917ZAUG09 1C 120918ZAUG09
1	20	1	1113 1162	662214N 0363948E 662507N 0363425E	120952ZAUG09 0C 120953ZAUG09
1	22	1	880 935	672315N 0344031E 672801N 0343041E	121012ZAUG09 1C 121013ZAUG09
1	24	1	890 984	672602N 0324623E 673023N 0324749E	121025ZAUG09 1S 121026ZAUG09
1	25	1	947 1000	675610N 0325758E 680131N 0330152E	121033ZAUG09 1B 121034ZAUG09
1	26	1	849 986	681058N 0332058E 680817N 0333045E	121038ZAUG09 1B 121039ZAUG09
1	27	1	859 906	680521N 0335357E 680845N 0335528E	121042ZAUG09 1B 121043ZAUG09
1	28	1	890 1281	681547N 0335534E 680855N 0332720E	121050ZAUG09 1B 121053ZAUG09
2	1	1	830 910	680803N 0332722E 681348N 0333031E	130457ZAUG09 1C 130458ZAUG09
2	2	1	877 950	685033N 0334432E 685440N 0334043E	130507ZAUG09 1C 130509ZAUG09
2	2	2	983 1076	691026N 0332550E 691605N 0332024E	130513ZAUG09 1C 130514ZAUG09
2	3	1	671 782	691627N 0331937E 690317N 0332659E	130519ZAUG09 1C 130522ZAUG09
2	4	1	901 1076	690148N 0332616E 690238N 0330229E	130527ZAUG09 1S 130529ZAUG09
2	5	1	966 1076	691612N 0325119E 692329N 0324711E	130533ZAUG09 1B 130535ZAUG09
2	6	1	954 1010	690811N 0322541E 690259N 0321935E	130541ZAUG09 1B 130543ZAUG09
2	8	1	820 1037	690946N 0321805E 692459N 0322820	130547ZAUG09 1O 130551ZAUG09
2	9	1	951 1074	692605N 0322559E 692445N 0321255E	130555ZAUG09 1B 130557ZAUG09
2	10	1	907 1073	693809N 0313301E 694156N 0312641E	130602ZAUG09 1B 130603ZAUG09
2	11	1	863 1070	693831N 0312336E 692947N 0311720E	130609ZAUG09 1B 130611ZAUG09
2	12	1	962 1068	693050N 0311704E 693553N 0311721E	130616ZAUG09 1B 130617ZAUG09
2	13	1	950 1073	693543N 0311614E 693048N 0310850E	130621ZAUG09 1B 130623ZAUG09

2 15 1 956 692517N 0310638E 130629ZAUG09 1B
 1052 692353N 0305506E 130630ZAUG09

(2) SENSOR USED: PG-OF_-V3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	766 844	553641N 0363906E 554603N 0371153E	120559ZAUG09 120604ZAUG09	1C
1	3	1	1077 1128	560618N 0365403E 560846N 0364937E	120610ZAUG09 120611ZAUG09	0C
1	5	1	825 844	563600N 0362205E 564116N 0361504E	120619ZAUG09 120621ZAUG09	1C
1	6	1	816 835	565050N 0360002E 565457N 0355319E	120624ZAUG09 120625ZAUG09	1C
1	7	1	762 807	570218N 0350341E 570316N 0345445E	120632ZAUG09 120634ZAUG09	1C
1	8	1	771 811	575048N 0350422E 575831N 0350648E	120647ZAUG09 120648ZAUG09	1C
1	10	1	744 780	582206N 0352839E 582512N 0353143E	120655ZAUG09 120656ZAUG09	1C
1	10	2	818 829	591639N 0362417E 591858N 0362643E	120710ZAUG09 120711ZAUG09	0C
1	10	3	737 794	603839N 0375439E 604046N 0375705E	120734ZAUG09 120735ZAUG09	0C
1	10	4	796 816	612731N 0385247E 613142N 0385755E	120748ZAUG09 120749ZAUG09	0C
1	12	1	780 853	624233N 0402735E 625855N 0402206E	120810ZAUG09 120814ZAUG09	1C
1	13	1	840 853	630106N 0405028E 630107N 0405821E	120818ZAUG09 120819ZAUG09	1C
1	14	1	806 858	625846N 0405031E 625458N 0402249E	120827ZAUG09 120830ZAUG09	1C
1	15	1	799 841	625331N 0401423E 625347N 0405719E	120837ZAUG09 120841ZAUG09	1C
1	15	2	826 858	625354N 0413356E 625353N 0415054E	120846ZAUG09 120847ZAUG09	1C
1	17	1	892 902	642753N 0403933E 642955N 0403020E	120912ZAUG09 120913ZAUG09	0C
1	17	2	895 904	643242N 0401748E 643325N 0401429E	120914ZAUG09 120915ZAUG09	1C
1	18	1	880	643508N 0395500E	120917ZAUG09	1C

			897	643513N 0394315E	120918ZAUG09	
1	20	1	1113 1162	662214N 0363948E 662507N 0363425E	120952ZAUG09 120953ZAUG09	0C
1	22	1	880 935	672315N 0344031E 672801N 0343041E	121012ZAUG09 121013ZAUG09	1C
1	24	1	890 984	672602N 0324623E 673023N 0324749E	121025ZAUG09 121026ZAUG09	1S
1	25	1	947 1000	675610N 0325758E 680131N 0330152E	121033ZAUG09 121034ZAUG09	1B
1	26	1	849 986	681058N 0332058E 680817N 0333045E	121038ZAUG09 121039ZAUG09	1B
1	27	1	859 906	680521N 0335357E 680845N 0335528E	121042ZAUG09 121043ZAUG09	1B
1	28	1	890 1281	681547N 0335534E 680855N 0332720E	121050ZAUG09 121053ZAUG09	1B
2	1	1	830 910	680803N 0332722E 681348N 0333031E	130457ZAUG09 130458ZAUG09	1C
2	2	1	877 950	685033N 0334432E 685440N 0334043E	130507ZAUG09 130509ZAUG09	1C
2	2	2	983 1076	691026N 0332550E 691605N 0332024E	130513ZAUG09 130514ZAUG09	1C
2	3	1	671 782	691627N 0331937E 690317N 0332659E	130519ZAUG09 130522ZAUG09	1C
2	4	1	901 1076	690148N 0332616E 690238N 0330229E	130527ZAUG09 130528ZAUG09	1S
2	5	1	966 1076	691612N 0325119E 692329N 0324711E	130533ZAUG09 130535ZAUG09	1B
2	6	1	954 1010	690811N 0322541E 690259N 0321935E	130541ZAUG09 130543ZAUG09	1B
2	8	1	820 1037	690946N 0321805E 692459N 0322820E	130547ZAUG09 130551ZAUG09	1O
2	9	1	951 1074	692605N 0322559E 692445N 0321255E	130555ZAUG09 130557ZAUG09	1B
2	10	1	907 1073	693809N 0313301E 694156N 0312641E	130602ZAUG09 130603ZAUG09	1B
2	11	1	863 1070	693831N 0312336E 692947N 0311720E	130609ZAUG09 130611ZAUG09	1B
2	12	1	962 1068	693050N 0311704E 693553N 0311721E	130616ZAUG09 130617ZAUG09	1B
2	13	1	950 1073	693543N 0311614E 693048N 0310850E	130621ZAUG09 130623ZAUG09	1B

2 15 1 956 692517N 0310638E 130629ZAUG09 1B
 1052 692353N 0305506E 130630ZAUG09

(3) SENSOR USED: PG-OF_-R3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	766 844	553641N 0363906E 554603N 0371153E	120559ZAUG09 120604ZAUG09	1C
1	3	1	1077 1128	560618N 0365403E 560846N 0364937E	120610ZAUG09 120611ZAUG09	0C
1	5	1	825 844	563600N 0362205E 564116N 0361504E	120619ZAUG09 120621ZAUG09	1C
1	6	1	816 835	565050N 0360002E 565457N 0355319E	120624ZAUG09 120625ZAUG09	1C
1	7	1	762 807	570218N 0350341E 570316N 0345445E	120632ZAUG09 120634ZAUG09	1C
1	8	1	771 811	575048N 0350422E 575831N 0350648E	120647ZAUG09 120648ZAUG09	1C
1	10	1	744 780	582206N 0352839E 582512N 0353143E	120655ZAUG09 120656ZAUG09	1C
1	10	2	818 829	591639N 0362417E 591858N 0362643E	120710ZAUG09 120711ZAUG09	0C
1	10	3	737 794	603839N 0375439E 604046N 0375705E	120734ZAUG09 120735ZAUG09	0C
1	10	4	796 816	612731N 0385247E 613142N 0385755E	120748ZAUG09 120749ZAUG09	0C
1	12	1	780 853	624233N 0402735E 625855N 0402206E	120810ZAUG09 120814ZAUG09	1C
1	13	1	840 853	630106N 0405028E 630107N 0405821E	120818ZAUG09 120819ZAUG09	1C
1	14	1	806 858	625846N 0405031E 625458N 0402249E	120827ZAUG09 120830ZAUG09	1C
1	15	1	799 841	625331N 0401423E 625347N 0405719E	120837ZAUG09 120841ZAUG09	1C
1	15	2	826 858	625354N 0413356E 625353N 0415054E	120846ZAUG09 120847ZAUG09	1C
1	17	1	892 902	642753N 0403933E 642955N 0403020E	120912ZAUG09 120913ZAUG09	0C
1	17	2	895 904	643242N 0401748E 643325N 0401429E	120914ZAUG09 120915ZAUG09	1C
1	18	1	880 897	643508N 0395500E 643513N 0394315E	120917ZAUG09 120918ZAUG09	1C

1	20	1	1113 1162	662214N 0363948E 662507N 0363425E	120952ZAUG09 0C 120953ZAUG09
1	22	1	880 935	672315N 0344031E 672801N 0343041E	121012ZAUG09 1C 121013ZAUG09
1	24	1	890 984	672602N 0324623E 673023N 0324749E	121025ZAUG09 1S 121026ZAUG09
1	25	1	947 1000	675610N 0325758E 680131N 0330152E	121033ZAUG09 1B 121034ZAUG09
1	26	1	849 986	681058N 0332058E 680817N 0333045E	121038ZAUG09 1B 121039ZAUG09
1	27	1	859 906	680521N 0335357E 680845N 0335528E	121042ZAUG09 1B 121043ZAUG09
1	28	1	890 1281	681547N 0335534E 680853N 0332720E	121050ZAUG09 1B 121053ZAUG09
2	2	1	877 950	685033N 0334432E 685440N 0334043E	130507ZAUG09 1C 130509ZAUG09
2	2	2	983 1076	691026N 0332550E 691605N 0332024E	130513ZAUG09 1C 130514ZAUG09
2	3	1	671 782	691627N 0331937E 690317N 0332659E	130519ZAUG09 1C 130522ZAUG09
2	4	1	901 1076	690148N 0332616E 690238N 0330229E	130527ZAUG09 1S 130529ZAUG09
2	5	1	966 1076	691612N 0325119E 692329N 0324711E	130533ZAUG09 1B 130535ZAUG09
2	6	1	954 1010	690811N 0322541E 692559N 0321935E	130541ZAUG09 1B 130543ZAUG09
2	8	1	820 1037	690946N 0321805E 692459N 0322820E	130547ZAUG09 1O 130551ZAUG09
2	9	1	951 1074	692605N 0322559E 692445N 0321255E	130555ZAUG09 1B 130557ZAUG09
2	10	1	907 1073	693809N 0313301E 694156N 0312641E	130602ZAUG09 1B 130603ZAUG09
2	11	1	863 1070	693831N 0312336E 692947N 0311720E	130609ZAUG09 1B 130611ZAUG09
2	12	1	962 1068	693050N 0311704E 693553N 0311721E	130616ZAUG09 1B 130617ZAUG09
2	13	1	950 1073	693543M 0311614E 693048N 0310850E	130621ZAUG09 1B 130623ZAUG09
2	15	1	956 1052	692517N 0310638E 692353N 0305506E	130629ZAUG09 1B 130630ZAUG09

(4) SENSOR USED: PG-OP_-P3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	14	1	806 858	625850N 0405108E 625453N 0402220E	120827ZAUG09 120830ZAUG09	1C
1	15	1	826 858	625338N 0402949E 625347N 0405737E	120838ZAUG09 120841ZAUG09	1C
1	18	1	880 897	643508N 0395500E 643513N 0394315E	120917ZAUG09 120918ZAUG09	1C
1	26	1	849 986	681102N 0332041E 680815N 0333052E	121038ZAUG09 121039ZAUG09	1B
1	28	1	890 1281	681550N 0335547E 680854N 0332713E	121050ZAUG09 121053ZAUG09	1B
2	1	1	830 926	680748N 0332711E 681406N 0333040E	130457ZAUG09 130458ZAUG09	1C
2	2	1	983 1076	691009N 0332606E 691607N 0332023E	130513ZAUG09 130514ZAUG09	1C
2	3	1	671 782	691639N 0331930E 690316N 0332700E	130519ZAUG09 130522ZAUG09	1C
2	4	1	901 1076	690147N 0332700E 690240N 0330131E	130527ZAUG09 130529ZAUG09	1S
2	5	1	966 1076	691612N 0325119E 692339N 0324705E	130533ZAUG09 130535ZAUG09	1B
2	13	1	950 1073	693552N 0311627E 693048N 0310850E	130621ZAUG09 130623ZAUG09	1B
2	15	1	956 1052	692522N 0310723E 692348N 0305427E	130629ZAUG09 130630ZAUG09	1B

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE:
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

Preflight Inspection: OK
Film Processed by: Canada

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **LCol Beauchamp**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: 131602ZAUG09

6. REMARKS:

There was a minor discussion on altitude blocks based on different database values. Canada acknowledged the Russian elevation database values and adjusted accordingly. Segment 3 was cancelled due to deteriorating weather conditions. Due to these weather conditions the mission was abbreviated at Waypoint 15 on Segment 2 with a diversion to Kubinka. Total mission distance flown was 2990 KM.

Canada wishes to thank the Russian Federation for their outstanding cooperation and flexibility throughout the mission.

7. END OF OS MESSAGE NUMBER: OS/CA/09/0029/F14/O

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO: RUSSIAN FEDERATION

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/09/0022/F14/O
2. OS MESSAGE DATE AND TIME: 041830ZMAY09
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/09/0018/F12/C
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
 - (b) OBSERVING PARTY:
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS9136/OS9241
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 200633ZAPR09
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C-130 H

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: TIKSI
 - (i) ICAO DESIGNATOR: UEST
 - (ii) GEOGRAPHIC CO-ORDINATES:
714148N, 1285348E
 - (b) DATE AND TIME OF TAKEOFF: 220759ZAPR09
 - (c) LEGS OF THIS SEGMENT:
 - 1, 715509N1285323E
 - 2, 720432N1282120E
 - 3, 715720N1284048E
 - 4, 714802N1283726E
 - 5, 713309N1284404E

6, 711714N1292556E
7, 704828N1272709E
8, 712153N1271202E
9, 713202N1275326E
10, 712147N1285228E
11, 714148N1285348E

(d) LANDING AIRFIELD: **TIKSI**

(i) ICAO DESIGNATOR: **UEST**

(ii) GEOGRAPHIC CO-ORDINATES:
714148N, 1285348E

(e) DATE AND TIME OF LANDING: **220916ZAPR09**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **TIKSI**

(i) ICAO DESIGNATOR: **UEST**

(ii) GEOGRAPHIC CO-ORDINATES:
714148N, 1285348E

(b) DATE AND TIME OF TAKEOFF: **230052ZAPR09**

(c) LEGS OF THIS SEGMENT:

1, 720913N1281931E
2, 715115N1302815E
3, 703220N1354955E
4, 710205N1355806E
5, 712033N1355646E
6, 713130N1362552E
7, 712442N1382207E
8, 704559N1460159E
9, 703940N1472449E
10, 703644N1480727E
11, 703759N1473704E
12, 703318N1461757E
13, 701651N1422425E
14, 701113N1410120E
15, 700818N1402100E
16, 700722N1392115E
17, 695957N1365837E
18, 695924N1360524E
19, 700304N1350846E
20, 702740N1343315E
21, 704608N1343149E
22, 705726N1332542E
23, 712012N1305612E
24, 713102N1294450E
25, 714114N1281501E
26, 714148N1285348E

(d) LANDING AIRFIELD: **TIKSI**

(i) ICAO DESIGNATOR: **UEST**

(ii) GEOGRAPHIC CO-ORDINATES:
714148N, 1285348E

(e) DATE AND TIME OF LANDING: 230515ZAPR09

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 4671

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF_-L3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	903 921	714103N1285343E 714736N1285336E	220755ZAPR09 220756ZAPR09	1B
1	2	1	853 876	715959N1283655E 720413N1282022E	220759ZAPR09 220801ZAPR09	1B
1	3	1	865 869	720140N1282804E 715951N1283325E	220806ZAPR09 220807ZAPR09	1B
1	5	1	1011 1198	714522N1283840E 713548N1284257E	220811ZAPR09 220813ZAPR09	1B
1	8	1	971 1232	710101N1272134E 712012N1271245E	220839ZAPR09 220844ZAPR09	1B
1	11	1	1121 1215	713113N1285310E 714121N1285358E	220901ZAPR09 220904ZAPR09	1B
2	1	1	853 861	714144N1285359E 714758N1284616E	230056ZAPR09 230057ZAPR09	1B
2	1	2	846 854	715944N1283133E 720707N1282210E	230101ZAPR09 230103ZAPR09	1B
2	5	1	885 887	710554N1355750E 711159N1355724E	230154ZAPR09 230156ZAPR09	0C
2	6	1	896 899	712337N1360449E 712950N1362126E	230159ZAPR09 230201ZAPR09	0C
2	10	1	834 837	703851N1473632E 703656N1480410E	230253ZAPR09 230255ZAPR09	1B
2	11	1	841 843	703706N1475737E 703745N1474234E	230301ZAPR09 230302ZAPR09	0C
2	15	1	1247 1249	701040N1405346E 700852N1402858E	230339ZAPR09 230341ZAPR09	1C
2	19	1	1251 1254	700029N1354854E 700209N1352304E	230405ZAPR09 230407ZAPR09	1C
2	21	1	1239 1243	703256N1343249E 704055N1343211E	230416ZAPR09 230418ZAPR09	0C
2	25	1	1202 1213	713529N1290632E 713950N1282744E	230450ZAPR09 230453ZAPR09	1C
2	26	1	1195 1207	714128N1282939E 714148N1285430E	230500ZAPR09 230501ZAPR09	1C

(2) SENSOR USED: PG-OF_-V3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	903 921	714103N1285343E 714736N1285336E	220755ZAPR09 220756ZAPR09	1B
1	2	1	853 876	715959N1283655E 720413N1282022E	220759ZAPR09 220801ZAPR09	1B
1	3	1	865 869	720140N1282804E 715951N1283325E	220806ZAPR09 220807ZAPR09	1B
1	5	1	1011 1198	714522N1283840E 713548N1284257E	220811ZAPR09 220813ZAPR09	1B
1	8	1	971 1232	710101N1272134E 712012N1271245E	220839ZAPR09 220844ZAPR09	1B
1	11	1	1121 1215	713113N1285310E 714121N1285358E	220901ZAPR09 220904ZAPR09	1B
2	1	1	853 861	714144N1285359E 714758N1284616E	230056ZAPR09 230057ZAPR09	1B
2	1	2	846 854	715944N1283133E 720707N1282210E	230101ZAPR09 230103ZAPR09	1B
2	5	1	885 887	710554N1355750E 711159N1355724E	230154ZAPR09 230156ZAPR09	0C
2	6	1	896 899	712337N1360449E 712950N1362126E	230159ZAPR09 230201ZAPR09	0C
2	10	1	834 837	703851N1473632E 703656N1480410E	230253ZAPR09 230255ZAPR09	1B
2	11	1	841 843	703706N1475737E 703745N1474234E	230301ZAPR09 230302ZAPR09	0C
2	15	1	1247 1249	701040N1405346E 700852N1402858E	230339ZAPR09 230341ZAPR09	1C
2	19	1	1251 1254	700029N1354854E 700209N1352304E	230405ZAPR09 230407ZAPR09	1C
2	21	1	1239 1243	703256N1343249E 704055N1343211E	230416ZAPR09 230418ZAPR09	0C
2	25	1	1202 1213	713529N1290632E 713950N1282744E	230450ZAPR09 230453ZAPR09	1C
2	26	1	1195 1207	714128N1282939E 714148N1285430E	230500ZAPR09 230501ZAPR09	1C

(3) SENSOR USED: PG-OF_-R3F

MIN/MAX HEIGHT ABOVE	START/END	START/END
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SEG	LEG	OP	GROUND LEVEL	CO-ORDINATES	DATE & TIME	WEATHER
1	1	1	903 921	714303N1285343E 714736N1285336E	220755ZAPR09 220756ZAPR09	1B
1	2	1	853 876	715959N1283655E 720413N1282222E	220759ZAPR09 220801ZAPR09	1B
1	3	1	865 869	720140N1282804E 715951N1283325E	220806ZAPR09 220807ZAPR09	1B
1	5	1	1011 1198	714522N1283840E 713548N1284257E	220811ZAPR09 220813ZAPR09	1B
1	8	1	971 1232	710101N1272134E 712012N1271245E	220839ZAPR09 220844ZAPR09	1B
1	11	1	1121 1215	713113N1285310E 714121N1285358E	220901ZAPR09 220904ZAPR09	1B
2	1	1	853 861	714144N1285359E 714758N1284616E	230056ZAPR09 230057ZAPR09	1B
2	1	2	846 854	715944N1283133E 720707N1282210E	230101ZAPR09 230103ZAPR09	1B
2	5	1	885 887	710554N1355750E 711159N1355724E	230154ZAPR09 230156ZAPR09	0C
2	6	1	896 899	712337N1360449E 712950N1362126E	230159ZAPR09 230201ZAPR09	0C
2	10	1	834 837	703851N1473632E 703656N1480410E	230253ZAPR09 230255ZAPR09	1B
2	11	1	841 843	703706N1475737E 703745N1474234E	230301ZAPR09 230302ZAPR09	0C
2	15	1	1247 1249	701040N1405346E 700852N1402858E	230339ZAPR09 230341ZAPR09	1C
2	19	1	1251 1254	700029N1354854E 700209N1352304E	230405ZAPR09 230407ZAPR09	1C
2	21	1	1239 1243	703256N1343249E 704055N1343211E	230416ZAPR09 230418ZAPR09	0C
2	25	1	1202 1213	713529N1290632E 713950N1282744E	230450ZAPR09 230453ZAPR09	1C
2	26	1	1195 1207	714128N1282939E 714148N1285430E	230500ZAPR09 230501ZAPR09	1C

(4) SENSOR USED: PG-OP_-P3F

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	903 921	714303N1285343E 714736N1285336E	220755ZAPR09 220756ZAPR09	1B

1	2	1	853 876	715959N1283655E 720413N1282222E	220759ZAPR09 220801ZAPR09	1B
1	3	1	865 869	720140N1282804E 715951N1283325E	220806ZAPR09 220807ZAPR09	1B
1	5	1	1011 1198	714522N1283840E 713548N1284257E	220811ZAPR09 220813ZAPR09	1B
1	8	1	971 1232	710101N1272134E 712012N1271245E	220839ZAPR09 220844ZAPR09	1B
1	11	1	1121 1215	713113N1285310E 714121N1285358E	220901ZAPR09 220904ZAPR09	1B
2	1	1	853 861	714144N1285359E 714758N1284616E	230056ZAPR09 230057ZAPR09	1B
2	1	2	846 854	715944N1283133E 720707N1282210E	230101ZAPR09 230103ZAPR09	1B
2	10	1	834 837	703851N1473632E 703656N1480410E	230253ZAPR09 230255ZAPR09	1B
2	11	1	841 843	703706N1475737E 703745N1474234E	230301ZAPR09 230302ZAPR09	0C
2	26	1	1195 1207	714128N1282939E 714148N1285430E	230500ZAPR09 230501ZAPR09	1C

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: YES
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: YES
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: YES

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

FILM WILL BE PROCESSED IN THE CANADIAN MEDIA FACILITY IN OTTAWA 2-4 MAY 09.
PRE-FLIGHT INSPECTION: OK
FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: MAJ JOHN NOWAK,

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: 241000ZAPR09

6. REMARKS:

A. SEGMENT 3 WAS CANCELLED DUE TO UNFAVOURABLE WEATHER CONDITIONS.

**B. CANADA AND EXPRESS THEIR APPRECIATION TO THE RUSSIAN FEDERATION FOR ITS
EXCELLENT COOPERATION AND FLEXIBILITY THROUGHOUT THIS MISSION.**

7. END OF OS MESSAGE NUMBER: **OS/CA/09/0022/F14/O**

OS FORMAT 14

PRECEDENCE: **PRIORITY**

FROM: **CANADA**

TO: **ALL STATES PARTIES**

INFO:

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/08/0070/F14/O**
2. OS MESSAGE DATE AND TIME: **091611ZDEC08**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: **OS/CA/08/0067/F12/O**
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **OS8143**
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **011308ZDEC08**
- (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **OS-100B**

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: **Kubinka**
 - (i) ICAO DESIGNATOR: **UUMB**
 - (ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: **030937ZDEC08**
 - (c) LEGS OF THIS SEGMENT:
1, 471642N0393812E
 - (d) LANDING AIRFIELD: **Rostov-na-Donu**
 - (i) ICAO DESIGNATOR: **XRRO**
 - (ii) GEOGRAPHIC CO-ORDINATES:

471642N, 0393312E

- (e) DATE AND TIME OF LANDING: **031205ZDEC08**
- (2) FLIGHT SEGMENT NUMBER: **2**
 - (a) DEPARTURE AIRFIELD: **Rostov-na-Donu**
 - (i) ICAO DESIGNATOR: **XRRO**
 - (ii) GEOGRAPHIC CO-ORDINATES:
471642N, 393812E
 - (b) DATE AND TIME OF TAKEOFF: **040538ZDEC08**
 - (c) LEGS OF THIS SEGMENT:
 - 1, **471129N0384758E**
 - 2, **463340N0380439E**
 - 3, **455731N0381550E**
 - 4, **451839N0380313E**
 - 5, **451134N0380934E**
 - 6, **450214N0380042E**
 - 7, **445223N0375912E**
 - 8, **450244N0372148E**
 - 9, **451321N0370707E**
 - 10, **451116N0365108E**
 - 11, **450428N0364343E**
 - 12, **445213N0372424E**
 - 13, **444521N0374046E**
 - 14, **444243N0375145**
 - 15, **443738N0374230E**
 - 16, **443721N0375015E**
 - 17, **445755N0385755E**
 - 18, **451004N0385542E**
 - 19, **453151N0393325E**
 - 20, **462200N0391815E**
 - 21, **462407N0393154E**
 - 22, **463027N0394241E**
 - 23, **463405N0392340E**
 - 24, **471641N0393812E**
 - (d) LANDING AIRFIELD: **Rostov-na-Donu**
 - (i) ICAO DESIGNATOR: **XRRO**
 - (ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E
 - (e) DATE AND TIME OF LANDING: **040906ZDEC08**
- (3) FLIGHT SEGMENT NUMBER: **3**
 - (a) DEPARTURE AIRFIELD: **Rostov-na-Donu**
 - (i) ICAO DESIGNATOR: **XRRO**
 - (ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E
 - (b) DATE AND TIME OF TAKEOFF: **041209ZDEC08**
 - (c) LEGS OF THIS SEGMENT:

1, 553642N0363900E

(d) LANDING AIRFIELD: **Kubinka**

(i) ICAO DESIGNATOR: **UUMB**

(ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E

(e) DATE AND TIME OF LANDING: **041455ZDEC08**

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: **3112KM**

D. OBSERVATION PERIODS

(1) SENSOR USED: **NA**

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
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(2) SENSOR USED: **SE-OF_-2410**

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
2	1	1	1194 1291	471642N0393812E 471546N0392855E	040545ZDEC08 040547ZDEC08	1C
2	1	1	1232 1273	471231N0385727E 471136N0384900E	040553ZDEC08 040555ZDEC08	1S
2	2	1	1335 1278	464427N0381653E 463642N0380805E	040606ZDEC08 040610ZDEC08	0C
2	3	1	1289 1289	460720N0381250E 460236N0381417E	040620ZDEC08 040621ZDEC08	0C
2	4	1	1283 1296	453923N0380955E 453709N0380911E	040629ZDEC08 040629ZDEC08	0C
2	4	2	1281 1281	453104N0380709E 453019N0380658E	040632ZDEC08 040632ZDEC08	0C
2	5	1	1293 1295	451635N0380504E 451312N0380806E	040640ZDEC08 040641ZDEC08	0C
2	7	1	1515 1612	445941N0380011E 445319N0375921E	040647ZDEC08 040649ZDEC08	0C
2	9	1	1180 1209	450406N0371950E 450647N0371612E	040702ZDEC08 040703ZDEC08	0C
2	9	2	1236 1242	450941N0371211E 451316N0370714E	040704ZDEC08 040706ZDEC08	0C
2	10	1	1237 1247	451229N0370011E 451123N0365206E	040708ZDEC08 040710ZDEC08	0C
2	11	1	1154 1197	450822N0364754E 450546N0364509E	040711ZDEC08 040713ZDEC08	0C

2	12	1	1264 1294	445434N0371652E 445326N0372038E	040722ZDEC08 040723ZDEC08	0C
2	13	1	1380 1422	444909N0373148E 444814N0373358E	040726ZDEC08 040726ZDEC08	0C
2	14	1	1385 1549	444458N0374212E 444247N0375128E	040728ZDEC08 040730ZDEC08	0C
2	15	1	1587 1457	444103N0374844E 443851N0374447E	040735ZDEC08 040736ZDEC08	0C
2	17	1	1877 1877	443901N0375548E 444001N0375852E	040743ZDEC08 040744ZDEC08	0C
2	17	2	1794 1851	445024N0383250E 445319N0384230E	040752ZDEC08 040754ZDEC08	0C
2	18	1	1269 1274	445855N0385741E 450639N0385618E	040801ZDEC08 040804ZDEC08	0C
2	19	1	1251 1268	451332N0390132E 451556N0390547E	040807ZDEC08 040808ZDEC08	0C
2	19	2	1246 1262	452441N0392055E 452933N0392923E	040812ZDEC08 040815ZDEC08	0C
2	20	1	1255 1269	454800N0392833E 455135N0392728E	040821ZDEC08 040822ZDEC08	0C
2	20	2	1254 1260	461709N0391942E 462039N0391837E	040830ZDEC08 040831ZDEC08	0C
2	21	1	1254 1265	462249N0392327E 462333N0392811E	040837ZDEC08 040838ZDEC08	0C
2	23	1	1258 1272	463120N0393803E 463250N0393019E	040846ZDEC08 040848ZDEC08	0C
2	24	1	1260 1188	470431N0393400E 471639N0393810E	040859ZDEC08 040902ZDEC08	0C

(3) SENSOR USED: N/A

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
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E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: **YES**
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: **YES**
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

Preflight-inspection: OK

Film Processed by: Canada

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **Major J. Nowak**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **041700ZDEC08**

6. REMARKS:

There were no events on segments 1 and 3 (Transit only)

7. END OF OS MESSAGE NUMBER: **OS/CA/08/0070/F14/O**

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO:

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/08/0035/F14/O
2. OS MESSAGE DATE AND TIME: 211852ZMAY08
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/08/0021/F12/O
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: BELARUS/RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS-8-139
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 121231ZMAY08
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C-130-E

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: KUBINKA
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: 140549ZMAY08
 - (c) LEGS OF THIS SEGMENT:
 - 1, 550732N0341604E
 - 2, 544818N0315425E
544818N0315425E
544818N0315425E
 - 3, 545701N0311434E
 - 4, 545828N0305653E
 - 5, 551332N0300808E

6, 552536N0301830E
552536N0301830E
552536N0301830E
552536N0301830E
7, 553203N0294418E
8, 552932N0285734E
9, 553731N0282850E
10, 550221N0284448E
11, 544804N0290154E
12, 542507N0282018E
13, 540633N0283300E
14, 533353N0283903E
15, 532139N0282445E
16, 531545N0284629E
17, 525817N0280544E
18, 531318N0280050E
19, 533513N0281226E
20, 534207N0275208E
21, 540055N0274127E
22, 534400N0273528E
23, 533416N0265810E
24, 531013N0262054E
531013N0262054E
25, 530057N0253434E
26, 530634N0251132E
27, 532940N0250556E
28, 534107N0245001E
29, 533107N0243920E
30, 533826N0235444E
31, 534100N0233619E
32, 541241N0225008E
33, 542123N0223817E
34, 543647N0222007E
35, 543050N0214446E
36, 544923N0215515E
37, 545708N0220907E
38, 550233N0215836E
39, 551014N0213128E
40, 544227N0204043E
41, 543723N0194439E
42, 543301N0203959E
43, 543955N0204648E
44, 545003N0201109E
45, 545223N0200839E
46, 544900N0203048E
47, 545324N0203542E

(d) LANDING AIRFIELD: **KALININGRAD**

(i) ICAO DESIGNATOR: **UMKK**

(ii) GEOGRAPHIC CO-ORDINATES:
545324N, 0203542E

(e) DATE AND TIME OF LANDING: **141111ZMAY08**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **KALININGRAD**

(i) ICAO DESIGNATOR: **UMKK**

(ii) GEOGRAPHIC CO-ORDINATES:
545324N, 0203542E

(b) DATE AND TIME OF TAKEOFF: **160621ZMAY08**

(c) LEGS OF THIS SEGMENT:

- 1, 544301N0195458E
- 2, 542935N0195056E
- 3, 542755N0201218E
- 4, 543813N0201211E
- 5, 544110N0204344E
- 6, 543546N0213040E
- 7, 543921N0221035E
- 8, 542041N0222014E
- 9, 534253N0232227E
- 10, 533324N0233820E
- 11, 531256N0243611E
- 12, 522914N0242102E
- 13, 523508N0250405E
- 14, 525240N0255319E
- 15, 521139N0265335E
- 16, 531105N0285835E
- 17, 530510N0292343E
- 18, 525009N0290834E
- 19, 521931N0302113E
- 20, 522628N0310416E
- 21, 521748N0310029E
- 22, 522002N0311819E
- 23, 522233N0313803E
- 24, 524825N0325843E
- 25, 525245N0333721E
- 26, 531627N0342825E
- 27, 532407N0335035E
- 28, 542106N0342828E
- 29, 535803N0345622E
- 30, 540345N0354210E
- 31, 534353N0352429E
- 32, 535633N0355424E
- 33, 534409N0354531E
- 34, 540449N0373436E
- 35, 541707N0373718E
- 36, 551419N0364850E
- 37, 553642N0363900E

(d) LANDING AIRFIELD: **KUBINKA**

(i) ICAO DESIGNATOR: **UUMB**

(ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E

(e) DATE AND TIME OF LANDING: **161111ZMAY08**

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: **4162 KM**

D. OBSERVATION PERIODS

(1) SENSOR USED: **PG-OF_-L3**

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
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1	1	1	2039 2071	553618N0363829E 552417N0353659E	140559ZMAY08 1B 140609ZMAY08
1	1	2	2048 2052	551132N0343456E 550757N0341805E	140618ZMAY08 1O 140621ZMAY08
1	2	1	2022 2034	545125N0321608E 544847N0315750E	140639ZMAY08 1B 140641ZMAY08
1	5	1	1846 1849	551045N0301713E 551239N0301058E	140657ZMAY08 1B 140658ZMAY08
1	7	1	1872 1876	552800N0300550E 553045N0295116E	140704ZMAY08 1B 140706ZMAY08
1	9	1	1939 1947	553118N0285112E 553724N0282912E	140714ZMAY08 1O 140718ZMAY08
1	11	1	1904 1912	545719N0285054E 545141N0285736E	140729ZMAY08 1O 140731ZMAY08
1	13	1	1903 1910	542146N0282230E 541022N0283023E	140740ZMAY08 1B 140744ZMAY08
1	14	1	1922 1927	534332N0283716E 533841N0283809E	140750ZMAY08 1B 140751ZMAY08
1	15	1	1940 1951	533221N0283724E 532348N0282717E	140753ZMAY08 1S 140755ZMAY08
1	16	1	1954 1959	532033N0282843E 531649N0284232E	140801ZMAY08 1S 140803ZMAY08
1	17	1	1964 1968	530301N0281640E 525918N0280807E	140809ZMAY08 1S 140811ZMAY08
1	18	1	1955 1965	530703N0280313E 530944N0280208E	140817ZMAY08 1B 140818ZMAY08
1	19	1	1952 1959	532853N0280903E 533335N0281132E	140823ZMAY08 1B 140824ZMAY08
1	21	1	1848 1872	534827N0274829E 540032N0274139E	140829ZMAY08 1B 140833ZMAY08
1	22	1	1859 1868	535841N0274039E 534606N0273613E	140838ZMAY08 1B 140842ZMAY08
1	23	1	1922 1925	533857N0271604E 533625N0270625E	140845ZMAY08 1S 140847ZMAY08
1	25	1	1942 1962	530817N0261112E 530206N0254018E	140857ZMAY08 1B 140902ZMAY08
1	26	1	1948 1964	530158N0253021E 530509N0251719E	140904ZMAY08 1S 140906ZMAY08
1	28	1	1968 1987	533337N0250026E 534011N0245118E	140914ZMAY08 1B 140916ZMAY08
1	29	1	1970	533756N0244637E	140922ZMAY08 1S

			1980	533347N0244211E	140923ZMAY08	
1	31	1	1945 1952	533853N0235132E 534028N0234002E	140931ZMAY08 140932ZMAY08	1S
1	35	1	2044 2049	543558N0221456E 543418N0220514E	140951ZMAY08 140953ZMAY08	1S
1	36	1	2062 2070	543123N0214503E 544532N0215303E	141001ZMAY08 141005ZMAY08	0C
1	39	1	2081 2086	550314N0215610E 550852N0213618E	141011ZMAY08 141014ZMAY08	0C
1	40	1	2103 2114	550843N0212838E 544545N0204640E	141015ZMAY08 141024ZMAY08	0C
1	41	1	2102 2106	544213N0203801E 544205N0203645E	141025ZMAY08 141025ZMAY08	0C
1	41	2	2104 2111	543854N0200103E 543726N0194519E	141031ZMAY08 141033ZMAY08	0C
1	42	1	2072 2076	543718N0194543E 543313N0203727E	141038ZMAY08 141045ZMAY08	0C
1	44	1	2051 2063	544051N0204327E 544840N0201601E	141045ZMAY08 141048ZMAY08	0C
1	46	1	2059 2069	545215N0200929E 544902N0203030E	141058ZMAY08 141102ZMAY08	0C
2	1	1	1992 1999	545315N0203508E 544324N0195632E	160627ZMAY08 160632ZMAY08	0C
2	2	1	2024 2033	543750N0195335E 543248N0195157E	160634ZMAY08 160635ZMAY08	0C
2	4	1	1963 1988	543210N0201247E 543745N0201210E	160639ZMAY08 160640ZMAY08	0C
2	5	1	2037 2041	543946N0202656E 544107N0204312E	160642ZMAY08 160644ZMAY08	0C
2	6	1	2024 2032	544028N0205021E 543611N0212715E	160645ZMAY08 160650ZMAY08	0C
2	7	1	2003 2007	543604N0213256E 543904N0220723E	160650ZMAY08 160655ZMAY08	0C
2	8	1	1888 1895	543620N0221210E 542519N0221751E	160656ZMAY08 160658ZMAY08	0C
2	11	1	1900 1905	533222N0234118E 531313N0243525E	160714ZMAY08 160722ZMAY08	0C
2	12	1	1891 1904	530711N0243421E 523041N0242134E	160723ZMAY08 160731ZMAY08	0C
2	13	1	1936 1949	523019N0242731E 523456N0250236E	160733ZMAY08 160738ZMAY08	0C

2	14	1	1968 1977	523659N0250910E 525042N0254741E	160739ZMAY08 160745ZMAY08	1S
2	15	1	1965 1975	524727N0260051E 521213N0265246E	160747ZMAY08 160757ZMAY08	1S
2	17	1	1960 1974	530958N0290244E 530639N0291710E	160818ZMAY08 160820ZMAY08	1S
2	18	1	1986 2002	530222N0292048E 525306N0291129E	160821ZMAY08 160823ZMAY08	1S
2	19	1	1976 1990	524424N0292226E 522225N0301427E	160827ZMAY08 160835ZMAY08	1S
2	20	1	1974 2002	522022N0302623E 522605N0310155E	160836ZMAY08 160841ZMAY08	1S
2	21	1	1986 1999	522551N0310356E 521851N0310057E	160844ZMAY08 160846ZMAY08	1S
2	22	1	1970 1988	521757N0310145E 521932N0311425E	160848ZMAY08 160850ZMAY08	1S
2	24	1	1863 1878	522656N0315121E 524503N0324756E	160855ZMAY08 160903ZMAY08	1S
2	25	1	1893 1897	524857N0330311E 525229N0333507E	160905ZMAY08 160909ZMAY08	1S
2	26	1	1884 1893	525455N0334202E 531443N0342437E	160910ZMAY08 160918ZMAY08	1S
2	27	1	1876 1885	531740N0342246E 532304N0335549E	160920ZMAY08 160924ZMAY08	1S
2	28	1	2121 2141	532925N0335359E 541918N0342714E	160926ZMAY08 160939ZMAY08	1B
2	29	1	2103 2108	541113N0344028E 540200N0345137E	160943ZMAY08 160946ZMAY08	1O
2	30	1	1896 1839	535924N0350704E 540332N0354022E	160949ZMAY08 160934ZMAY08	1B
2	31	1	1869 1849	535924N0353823E 534446N0352516E	160956ZMAY08 161000ZMAY08	1B
2	32	1	1920 1886	534418N0352527E 535533N0355203E	161004ZMAY08 161008ZMAY08	1B
2	33	1	2123 2137	535406N0355242E 534457N0354604E	161013ZMAY08 161015ZMAY08	1B
2	34	1	2125 2136	534434N0354732E 535216N0362707E	161019ZMAY08 161025ZMAY08	1B
2	34	2	2122 2130	535849N0370151E 540427N0373242E	161031ZMAY08 161035ZMAY08	1B
2	35	1	2126 2132	540729N0373507E 541508N0373651E	161037ZMAY08 161039ZMAY08	1B

2	36	1	2074 2098	541829N0373609E 551139N0365108E	161040ZMAY08 1B 161054ZMAY08
2	37	1	1836 1879	552604N0364354E 553617N0363913E	161058ZMAY08 0C 161101ZMAY08

(2) SENSOR USED: PG-OF_-V3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	2039 2071	553618N0363829E 552417N0353659E	140559ZMAY08 1B 140609ZMAY08	
1	1	2	2048 2052	551132N0343456E 550757N0341805E	140618ZMAY08 1O 140621ZMAY08	
1	2	1	2022 2034	545125N0321608E 544847N0315750E	140639ZMAY08 1B 140641ZMAY08	
1	5	1	1846 1849	551045N0301713E 551239N0301058E	140657ZMAY08 1B 140658ZMAY08	
1	7	1	1872 1876	552800N0300550E 553045N0295116E	140704ZMAY08 1B 140706ZMAY08	
1	9	1	1939 1947	553118N0285112E 553724N0282912E	140714ZMAY08 1O 140718ZMAY08	
1	11	1	1904 1912	545719N0285054E 545141N0285736E	140729ZMAY08 1O 140731ZMAY08	
1	13	1	1903 1910	542146N0282230E 541022N0283023E	140740ZMAY08 1B 140744ZMAY08	
1	14	1	1922 1927	534332N0283716E 533841N0283809E	140750ZMAY08 1B 140751ZMAY08	
1	15	1	1940 1951	533221N0283724E 532348N0282717E	140753ZMAY08 1S 140755ZMAY08	
1	16	1	1954 1959	532033N0282843E 531649N0284232E	140801ZMAY08 1S 140803ZMAY08	
1	17	1	1964 1968	530301N0281640E 525918N0280807E	140809ZMAY08 1S 140811ZMAY08	
1	18	1	1955 1965	530703N0280313E 530944N0280208E	140817ZMAY08 1B 140818ZMAY08	
1	19	1	1952 1959	532853N0280903E 533335N0281132E	140823ZMAY08 1B 140824ZMAY08	
1	21	1	1848 1872	534827N0274829E 540032N0274139E	140829ZMAY08 1B 140833ZMAY08	
1	22	1	1859 1868	535841N0274039E 534606N0273613E	140838ZMAY08 1B 140842ZMAY08	
1	23	1	1922	533857N0271604E	140845ZMAY08 1S	

			1925	533625N0270625E	140847ZMAY08	
1	25	1	1942 1962	530817N0261112E 530206N0254018E	140857ZMAY08 140902ZMAY08	1B
1	26	1	1948 1964	530158N0253021E 530509N0251719E	140904ZMAY08 140906ZMAY08	1S
1	28	1	1968 1987	533337N0250026E 534011N0245118E	140914ZMAY08 140916ZMAY08	1B
1	29	1	1970 1980	533756N0244637E 533347N0244211E	140922ZMAY08 140923ZMAY08	1B
1	31	1	1945 1952	533853N0235132E 534028N0234002E	140931ZMAY08 140932ZMAY08	1S
1	35	1	2044 2049	543558N0221456E 543418N0220514E	140951ZMAY08 140953ZMAY08	1S
1	36	1	2062 2070	543123N0214503E 544532N0215303E	141001ZMAY08 141005ZMAY08	0C
1	39	1	2081 2086	550314N0215610E 550852N0213618E	141011ZMAY08 141014ZMAY08	0C
1	40	1	2103 2114	550843N0212838E 544545N0204640E	141015ZMAY08 141024ZMAY08	0C
1	41	1	2102 2106	544213N0203801E 544205N0203645E	141025ZMAY08 141025ZMAY08	0C
1	41	2	2104 2111	543854N0200103E 543726N0194519E	141031ZMAY08 141033ZMAY08	0C
1	42	1	2072 2076	543718N0194543E 543313N0203727E	141038ZMAY08 141045ZMAY08	0C
1	44	1	2051 2063	544051N0204327E 544840N0201601E	141048ZMAY08 141052ZMAY08	0C
1	46	1	2059 2069	545215N0200929E 544902N0203030E	141058ZMAY08 141102ZMAY08	0C
2	1	1	1992 1999	545315N0203508E 544324N0195632E	160627ZMAY08 160632ZMAY08	0C
2	2	1	2024 2033	543750N0195335E 543248N0195157E	160634ZMAY08 160635ZMAY08	0C
2	4	1	1963 1988	543210N0201247E 543745N0201210E	160639ZMAY08 160640ZMAY08	0C
2	5	1	2037 2041	543946N0202656E 544107N0204312E	160642ZMAY08 160644ZMAY08	0C
2	6	1	2024 2032	544028N0205021E 543611N0212715E	160645ZMAY08 160650ZMAY08	0C
2	7	1	2003 2007	543604N0213256E 543904N0220723E	160650ZMAY08 160655ZMAY08	0C

2	8	1	1888 1895	543620N0221210E 542519N0221751E	160656ZMAY08 160658ZMAY08	0C
2	11	1	1900 1905	533222N0234118E 531313N0243525E	160714ZMAY08 160722ZMAY08	0C
2	12	1	1891 1904	530711N0243421E 523041N0242134E	160723ZMAY08 160731ZMAY08	0C
2	13	1	1936 1949	523019N0242731E 523456N0250236E	160733ZMAY08 160738ZMAY08	0C
2	14	1	1968 1977	523659N0250910E 525042N0254741E	160739ZMAY08 160745ZMAY08	1S
2	15	1	1965 1975	524727N0260051E 521213N0265246E	160747ZMAY08 160757ZMAY08	1S
2	17	1	1960 1974	530958N0290244E 530639N0291710E	160818ZMAY08 160820ZMAY08	1S
2	18	1	1986 2002	530222N0292048E 525306N0291129E	160821ZMAY08 160823ZMAY08	1S
2	19	1	1976 1990	524424N0292226E 522225N0301427E	160827ZMAY08 160835ZMAY08	1S
2	20	1	1974 2002	522022N0302623E 522605N0310155E	160836ZMAY08 160841ZMAY08	1S
2	21	1	1986 1999	522551N0310356E 521851N0310057E	160844ZMAY08 160846ZMAY08	1S
2	22	1	1970 1988	521757N0310145E 521932N0311425E	160848ZMAY08 160850ZMAY08	1S
2	24	1	1863 1878	522656N0315121E 524503N0324756E	160855ZMAY08 160903ZMAY08	1S
2	25	1	1893 1897	524857N0330311E 525229N0333507E	160905ZMAY08 160909ZMAY08	1S
2	26	1	1884 1893	525455N0334202E 531443N0342437E	160910ZMAY08 160918ZMAY08	1S
2	27	1	1876 1885	531740N0342246E 532304N0335549E	160920ZMAY08 160924ZMAY08	1S
2	28	1	2121 2141	532925N0335359E 541918N0342714E	160926ZMAY08 160939ZMAY08	1B
2	29	1	2103 2108	541113N0344028E 540200N0345137E	160943ZMAY08 160946ZMAY08	1O
2	30	1	1896 1839	535924N0350704E 540332N0354022E	160949ZMAY08 160954ZMAY08	1B
2	31	1	1869 1849	535924N0353823E 534446N0352516E	160949ZMAY08 160956ZMAY08	1B
2	32	1	1920 1886	534418N0352527E 535533N0355203E	161004ZMAY08 161008ZMAY08	1B

2	33	1	2123 2137	535406N0355242E 534457N0354604E	161013ZMAY08 1B 161015ZMAY08
2	34	1	2125 2136	535216N0362707E 534434N0354732E	161019ZMAY08 1B 161025ZMAY08
2	34	2	2122 2130	535849N0370151E 540427N0373242E	161031ZMAY08 1B 161035ZMAY08
2	35	1	2126 2132	540729N0373507E 541508N0373651E	161037ZMAY08 1B 161039ZMAY08
2	36	1	2074 2098	541829N0373609E 551139N0365108E	161040ZMAY08 1B 161054ZMAY08
2	37	1	1836 1879	552604N0364354E 553617N0363913E	161058ZMAY08 0C 161101ZMAY08

(3) SENSOR USED: PG-OF_-R3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	2039 2071	553618N0363829E 552417N0353659E	140559ZMAY08 1B 140609ZMAY08	
1	1	2	2048 2052	551132N0343456E 550757N0341805E	140618ZMAY08 1O 140621ZMAY08	
1	2	1	2022 2034	545125N0321608E 544847N0315750E	140639ZMAY08 1B 140641ZMAY08	
1	5	1	1846 1849	551045N0301713E 551239N0301058E	140657ZMAY08 1B 140658ZMAY08	
1	7	1	1872 1876	552800N0300550E 553045N0295116E	140704ZMAY08 1B 140706ZMAY08	
1	9	1	1939 1947	553118N0285112E 553724N0282912E	140714ZMAY08 1O 140718ZMAY08	
1	11	1	1904 1912	545719N0285054E 545141N0285736E	140729ZMAY08 1O 140731ZMAY08	
1	13	1	1903 1910	542146N0282230E 541022N0283023E	140740ZMAY08 1B 140744ZMAY08	
1	14	1	1922 1927	534332N0283716E 533841N0283809E	140750ZMAY08 1B 140751ZMAY08	
1	15	1	1940 1951	533221N0283724E 532348N0282717E	140753ZMAY08 1S 140755ZMAY08	
1	16	1	1954 1959	532033N0282843E 531649N0284232E	140801ZMAY08 1S 140803ZMAY08	
1	17	1	1964 1968	530301N0281640E 525918N0280807E	140809ZMAY08 1S 140811ZMAY08	
1	18	1	1955	530703N0280313E	140817ZMAY08 1B	

			1965	530944N0280208E	140818ZMAY08	
1	19	1	1952	532853N0280903E	140823ZMAY08	1B
			1959	533335N0281132E	140824ZMAY08	
1	21	1	1848	534827N0274829E	140829ZMAY08	1B
			1872	540032N0274139E	140833ZMAY08	
1	22	1	1859	535841N0274039E	140838ZMAY08	1B
			1868	534606N0273613E	140842ZMAY08	
1	23	1	1922	533857N0271604E	140845ZMAY08	1S
			1925	533625N0270625E	140847ZMAY08	
1	25	1	1942	530817N0261112E	140857ZMAY08	1B
			1962	530206N0254018E	140902ZMAY08	
1	26	1	1948	530158N0253021E	140904ZMAY08	1S
			1964	530509N0251719E	140906ZMAY08	
1	28	1	1968	533337N0250026E	140914ZMAY08	1B
			1987	534011N0245118E	140916ZMAY08	
1	29	1	1970	533756N0244637E	140922ZMAY08	1B
			1980	533347N0244211E	140923ZMAY08	
1	31	1	1945	533853N0235132E	140931ZMAY08	1S
			1952	534028N0234002E	140932ZMAY08	
1	35	1	2044	543558N0221456E	140951ZMAY08	1S
			2049	543418N0220514E	140953ZMAY08	
1	36	1	2062	543123N0214503E	141001ZMAY08	0C
			2070	544532N0215303E	141005ZMAY08	
1	39	1	2081	550314N0215610E	141011ZMAY08	0C
			2086	550852N0213618E	141014ZMAY08	
1	40	1	2103	550843N0212838E	141015ZMAY08	0C
			2114	544545N0204640E	141024ZMAY08	
1	41	1	2102	544213N0203801E	141025ZMAY08	0C
			2106	544205N0203645E	141025ZMAY08	
1	41	2	2104	543854N0200103E	141031ZMAY08	0C
			2111	543726N0194519E	141033ZMAY08	
1	42	1	2072	543718N0194543E	141038ZMAY08	0C
			2076	543313N0203727E	141045ZMAY08	
1	44	1	2051	544051N0204327E	141048ZMAY08	0C
			2063	544840N0201601E	141052ZMAY08	
1	46	1	2059	545215N0200929E	141058ZMAY08	0C
			2069	544902N0203030E	141102ZMAY08	
2	1	1	1992	545315N0203508E	160627ZMAY08	0C
			1999	544324N0195632E	160632ZMAY08	
2	2	1	2024	543750N0195335E	160634ZMAY08	0C
			2033	543248N0195157E	160635ZMAY08	

2	4	1	1963 1988	543210N0201247E 543745N0201210E	160639ZMAY08 0C 160640ZMAY08
2	5	1	2037 2041	543946N0202656E 544107N0204312E	160642ZMAY08 0C 160644ZMAY08
2	6	1	2024 2032	544028N0205021E 543611N0212715E	160645ZMAY08 0C 160650ZMAY08
2	7	1	2003 2007	543604N0213256E 543904N0220723E	160650ZMAY08 0C 160655ZMAY08
2	8	1	1888 1895	543620N0221210E 542519N0221751E	160656ZMAY08 0C 160658ZMAY08
2	11	1	1900 1905	533222N0234118E 531313N0243525E	160714ZMAY08 0C 160722ZMAY08
2	12	1	1891 1904	530711N0243421E 523041N0242134E	160723ZMAY08 0C 160731ZMAY08
2	13	1	1936 1949	523019N0242731E 523456N0250236E	160733ZMAY08 0C 160738ZMAY08
2	14	1	1968 1977	523659N0250910E 525042N0254741E	160739ZMAY08 1S 160745ZMAY08
2	15	1	1965 1975	524727N0260051E 521213N0265246E	160747ZMAY08 1S 160757ZMAY08
2	17	1	1960 1974	530958N0290244E 530639N0291710E	160818ZMAY08 1S 160820ZMAY08
2	18	1	1986 2002	530222N0292048E 525306N0291129E	160821ZMAY08 1S 160823ZMAY08
2	19	1	1976 1990	524424N0292226E 522225N0301427E	160827ZMAY08 1S 160835ZMAY08
2	20	1	1974 2002	522022N0302623E 522605N0310155E	160836ZMAY08 1S 160841ZMAY08
2	21	1	1986 1999	522551N0310356E 521851N0310057E	160844ZMAY08 1S 160846ZMAY08
2	22	1	1970 1988	521757N0310145E 521932N0311425E	160848ZMAY08 1S 160850ZMAY08
2	24	1	1863 1878	522656N0315121E 524503N0324756E	160855ZMAY08 1S 160903ZMAY08
2	25	1	1893 1897	524857N0330311E 525229N0333507E	160905ZMAY08 1S 160909ZMAY08
2	26	1	1884 1893	525455N0334202E 531443N0342437E	160910ZMAY08 1S 160918ZMAY08
2	27	1	1876 1885	531740N0342246E 532304N0335549E	160920ZMAY08 1S 160924ZMAY08
2	28	1	2121 2141	532925N0335359E 541918N0342714E	160926ZMAY08 1B 160939ZMAY08

2	29	1	2103 2108	541113N0344028E 540200N0345137E	160943ZMAY08 1O 160946ZMAY08
2	30	1	1896 1839	535924N0350704E 540332N0354022E	160949ZMAY08 1B 160954ZMAY08
2	31	1	1869 1849	535924N0353823E 534446N0352516E	160956ZMAY08 1B 161000ZMAY08
2	32	1	1920 1886	534418N0352527E 535533N0355203E	161004ZMAY08 1B 161008ZMAY08
2	33	1	2123 2137	535406N0355242E 534457N0354604E	161013ZMAY08 1B 161015ZMAY08
2	34	1	2125 2136	534434N0354732E 535216N0362707E	161019ZMAY08 1B 161025ZMAY08
2	34	2	2122 2130	535849N0370151E 540427N0373242E	161031ZMAY08 1B 161035ZMAY08
2	35	1	2126 2132	540729N0373507E 541508N0373651E	161037ZMAY08 1B 161039ZMAY08
2	36	1	2074 2098	541829N0373609E 551139N0365108E	161040ZMAY08 1B 161054ZMAY08
2	37	1	1836 1879	552604N0364354E 553617N0363913E	161058ZMAY08 0C 161101ZMAY08

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: YES
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: YES

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

FILM WILL BE PROCESSED IN CANADA WITHIN 10 DAYS OF THE DEPARTURE OF THE OBSERVATION AIRCRAFT

PREFLIGHT-INSPECTION: OK

FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: MAJ GOODYEAR

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: 161550ZMAY08

6. REMARKS:
NIL

7. END OF OS MESSAGE NUMBER: **OS/CA/08/0035/F14/O**

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO: ALL STATES PARTIES

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/08/0012/F14/O
2. OS MESSAGE DATE AND TIME: 141620ZFEB08
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/08/0006/F12/O
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS8136
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 041315ZFEB08
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C-130H

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: KUBINKA
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: 060654ZFEB08
 - (c) LEGS OF THIS SEGMENT:
 - 1, 541201N0343402E
 - 2, 541849N0341923E
 - 3, 542222N0323548E
 - 4, 541246N0315134E
 - 5, 540900N0313309E
 - 6, 535825N0302914E
 - 7, 534636N0295723E

8, 532458N0284004E
 9, 530844N0283650E
 10, 525930N0280530E
 11, 525834N0275829E
 12, 525236N0274417E
 13, 520517N0262925E
 14, 520503N0253621E
 15, 514916N0235158E
 16, 521017N0233857E
 17, 520443N0234827E
 18, 523731N0241044E
 19, 523651N0241832E
 20, 522655N0244035E
 21, 523733N0250018E
 22, 530737N0251021E
 23, 525912N0253834E
 24, 530833N0255325E
 25, 530440N0260619E
 26, 531054N0261035E
 27, 533310N0282627E
 28, 535100N0284820E
 29, 542146N0305810E
 30, 542505N0311528E
 31, 553642N0363900E

(d) LANDING AIRFIELD: DOMODEDOVO

(i) ICAO DESIGNATOR: UDD

(ii) GEOGRAPHIC CO-ORDINATES:
 552453N, 0375438E

(e) DATE AND TIME OF LANDING: 061150ZFEB08

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 2092 KM

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF_-L3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	2	1	2164 2172	541529N0342639E 541723N0342229E	060729ZFEB08 060730ZFEB08	10
1	4	1	1986 2038	542123N0323047E 541853N0321925E	060746ZFEB08 060748ZFEB08	10
1	7	1	2130 2138	535534N0302126E 535043N0300822E	060808ZFEB08 060810ZFEB08	10
1	9	1	2001 2011	532012N0283904E 531557N0283814E	060827ZFEB08 060828ZFEB08	10
1	10	1	1990 2002	530213N0281437E 530057N0281023E	060834ZFEB08 060835ZFEB08	10
1	12	1	1998 2161	525706N0275451E 525447N0274844E	060837ZFEB08 060839ZFEB08	10

1	13	1	1996 2010	521902N0265044E 521455N0264418E	060852ZFEB08 060853ZFEB08	1O
1	14	1	2010 2018	520510N0255223E 520507N0254525E	060902ZFEB08 060903ZFEB08	1O
1	16	1	1958 1970	515711N0234705E 520738N0234037E	060925ZFEB08 060928ZFEB08	1B
1	17	1	1959 2148	520815N0234306E 520547N0234637E	060933ZFEB08 060934ZFEB08	1B
1	20	1	1948 1968	523531N0242218E 523109N0243113E	060944ZFEB08 060946ZFEB08	1O
1	21	1	1948 1956	523234N0245102E 523520N0245610E	060950ZFEB08 060951ZFEB08	1O
1	23	1	1948 2005	530443N0252005E 530214N0252826E	061005ZFEB08 061007ZFEB08	1O

(2) SENSOR USED: PG-OF_V3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	2	1	2164 2172	541529N0342639E 541723N0342229E	060729ZFEB08 060730ZFEB08	1O
1	4	1	1986 2038	542123N0323047E 541853N0321925E	060746ZFEB08 060748ZFEB08	1O
1	7	1	2130 2138	535534N0302126E 535043N0300822E	060808ZFEB08 060810ZFEB08	1O
1	9	1	2001 2011	532012N0283904E 531557N0283814E	060827ZFEB08 060828ZFEB08	1O
1	10	1	1990 2002	530213N0281437E 530057N0281023E	060834ZFEB08 060835ZFEB08	1O
1	12	1	1998 2168	525706N0275451E 525447N0274844E	060837ZFEB08 060839ZFEB08	1O
1	13	1	1996 2010	521902N0265044E 521455N0264418E	060852ZFEB08 060853ZFEB08	1O
1	14	1	2010 2018	520510N0255223E 520507N0254525E	060902ZFEB08 060903ZFEB08	1O
1	16	1	1958 1970	515711N0234705E 520738N0234037E	060925ZFEB08 060928ZFEB08	1B
1	17	1	1959 2148	520815N0234306E 520547N0234637E	060933ZFEB08 060934ZFEB08	1B
1	20	1	1948 1968	523531N0242218E 523109N0243113E	060944ZFEB08 060946ZFEB08	1O
1	21	1	1948 1956	523234N0245102E 523520N0245610E	060950ZFEB08 060951ZFEB08	1O

1 23 1 1948 530443N0252005E 061005ZFEB08 10
 2005 530214N0252826E 051007ZFEB08

(3) SENSOR USED: PG-OF_-R3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	2	1	2164 2172	541529N0342639E 541723N0342229E	060729ZFEB08 060730ZFEB08	10
1	4	1	1986 2038	542123N0323047E 541853N0321925E	060746ZFEB08 060748ZFEB08	10
1	7	1	2130 2138	535534N0302126E 535043N0300822E	060808ZFEB08 060810ZFEB08	10
1	9	1	2001 2011	532012N0283904E 531557N0283814E	060827ZFEB08 060828ZFEB08	10
1	10	1	1990 2002	530213N0281437E 530057N0281023E	060834ZFEB08 060835ZFEB08	10
1	12	1	1998 2168	525706N0275451E 525447N0274844E	060837ZFEB08 060839ZFEB08	10
1	13	1	1996 2010	521902N0265044E 521455N0264418E	060852ZFEB08 060853ZFEB08	10
1	14	1	2010 2018	520510N0255223E 520507N0254525E	060902ZFEB08 060903ZFEB08	10
1	16	1	1958 1970	515711N0234705E 520738N0234037E	060925ZFEB08 060928ZFEB08	1B
1	17	1	1959 2148	520815N0234306E 520547N0234637E	060933ZFEB08 060934ZFEB08	1B
1	20	1	1948 1968	523531N0242218E 523109N0243113E	060944ZFEB08 060946ZFEB08	10
1	21	1	1948 1956	523234N0245102E 523520N0245610E	060950ZFEB08 060951ZFEB08	10
1	23	1	1948 2005	530443N0252005E 530214N0252826E	061005ZFEB08 061007ZFEB08	10

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: YES
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: YES
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: YES

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

DUE TO SEVERE WEATHER CONDITIONS AT DESTINATION AERODROME (UUMB) AS WELL AS THE IFR ALTERNATE, THE MISSION WAS TERMINATED AFTER LEG 23 AND THE AIRCRAFT DIVERTED TO UDD. SEVERE WEATHER CONDITIONS ON 8 FEBRUARY 08 PRECLUDED THE CONDUCT OF SEGMENT 2 OF THE MISSION.

PREFLIGHT-INSPECTION: OK

FILM PROCESSED BY: CANADA

FILM PROCESSING WILL OCCUR ON 14 AND 15 FEBRUARY 2008 IN OTTAWA, CANADA.

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJOR JOHN NOWAK**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **061600ZFEB08**

6. REMARKS:

CANADIAN AIRCREW ARRIVED AT POE WITHOUT RUSSIAN VISAS. CANADA APPRECIATES THE EFFORT MADE BY THE RUSSIAN TEAM IN ACQUIRING VALID VISAS FOR THE CANADIAN AIRCREW ON EXTREMELY SHORT NOTICE. CANADA WISHES TO ACKNOWLEDGE THE RUSSIAN TEAM'S FLEXIBILITY IN ALLOWING US TO OPERATE FROM UDD DUE TO THE SEVERE WEATHER CONDITIONS.

7. END OF OS MESSAGE NUMBER: **OS/CA/08/0012/F14/O**

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO: ALL STATES PARTIES

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/08/0012/F14/C
2. OS MESSAGE DATE AND TIME: 141620ZFEB08
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/08/0006/F12/O
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS8136
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 041315ZFEB08
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C-130H

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: KUBINKA
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES: 553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: 060654ZFEB08
 - (c) LEGS OF THIS SEGMENT:
 - 1, 541201N0343402E
 - 2, 541849N0341923E
 - 3, 542222N0323548E
 - 4, 541246N0315134E
 - 5, 540900N0313309E
 - 6, 535825N0302914E
 - 7, 534636N0295723E

8, 532458N0284004E
 9, 530844N0283650E
 10, 525930N0280530E
 11, 525834N0275829E
 12, 525236N0274417E
 13, 520517N0262925E
 14, 520503N0253621E
 15, 514916N0235158E
 16, 521017N0233857E
 17, 520443N0234827E
 18, 523731N0241044E
 19, 523651N0241832E
 20, 522655N0244035E
 21, 523733N0250018E
 22, 530737N0251021E
 23, 525912N0253834E
 24, 530833N0255325E
 25, 530440N0260619E
 26, 531054N0261035E
 27, 533310N0282627E
 28, 535100N0284820E
 29, 542146N0305810E
 30, 542505N0311528E
 31, 553642N0363900E

(d) LANDING AIRFIELD: **DOMODEDOVO**

(i) ICAO DESIGNATOR: **UDD**

(ii) GEOGRAPHIC CO-ORDINATES:
552453N, 0375438E

(e) DATE AND TIME OF LANDING: **061150ZFEB08**

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: **2092 KM**

D. OBSERVATION PERIODS

(1) SENSOR USED: **PG-OF_-L3**

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	2	1	2164 2172	541529N0342639E 541723N0342229E	060729ZFEB08 060730ZFEB08	10
1	4	1	1986 2038	542123N0323047E 541853N0321925E	060746ZFEB08 060748ZFEB08	10
1	7	1	2130 2138	535534N0302126E 535043N0300822E	060808ZFEB08 060810ZFEB08	10
1	9	1	2001 2011	532012N0283904E 531557N0283814E	060827ZFEB08 060828ZFEB08	10
1	10	1	1990 2002	530213N0281437E 530057N0281023E	060834ZFEB08 060835ZFEB08	10
1	12	1	1998 2161	525706N0275451E 525447N0274844E	060837ZFEB08 060839ZFEB08	10

1	13	1	1996 2010	521902N0265044E 521455N0264418E	060852ZFEB08 060853ZFEB08	1O
1	14	1	2010 2018	520510N0255223E 520507N0254525E	060902ZFEB08 060903ZFEB08	1O
1	16	1	1958 1970	515711N0234705E 520738N0234037E	060925ZFEB08 060928ZFEB08	1B
1	17	1	1959 2148	520815N0234306E 520547N0234637E	060933ZFEB08 060934ZFEB08	1B
1	20	1	1948 1968	523531N0242218E 523109N0243113E	060944ZFEB08 060946ZFEB08	1O
1	21	1	1948 1956	523234N0245102E 523520N0245610E	060950ZFEB08 060951ZFEB08	1O
1	23	1	1948 2005	530443N0252005E 530214N0252826E	061005ZFEB08 061007ZFEB08	1O

(2) SENSOR USED: PG-OF_V3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	2	1	2164 2172	541529N0342639E 541723N0342229E	060729ZFEB08 060730ZFEB08	1O
1	4	1	1986 2038	542123N0323047E 541853N0321925E	060746ZFEB08 060748ZFEB08	1O
1	7	1	2130 2138	535534N0302126E 535043N0300822E	060808ZFEB08 060810ZFEB08	1O
1	9	1	2001 2011	532012N0283904E 531557N0283814E	060827ZFEB08 060828ZFEB08	1O
1	10	1	1990 2002	530213N0281437E 530057N0281023E	060834ZFEB08 060835ZFEB08	1O
1	12	1	1998 2168	525706N0275451E 525447N0274844E	060837ZFEB08 060839ZFEB08	1O
1	13	1	1996 2010	521902N0265044E 521455N0264418E	060852ZFEB08 060853ZFEB08	1O
1	14	1	2010 2018	520510N0255223E 520507N0254525E	060902ZFEB08 060903ZFEB08	1O
1	16	1	1958 1970	515711N0234705E 520738N0234037E	060925ZFEB08 060928ZFEB08	1B
1	17	1	1959 2148	520815N0234306E 520547N0234637E	060933ZFEB08 060934ZFEB08	1B
1	20	1	1948 1968	523531N0242218E 523109N0243113E	060944ZFEB08 060946ZFEB08	1O
1	21	1	1948 1956	523234N0245102E 523520N0245610E	060950ZFEB08 060951ZFEB08	1O

1 23 1 1948 530443N0252005E 061005ZFEB08 10
 2005 530214N0252826E 051007ZFEB08

(3) SENSOR USED: PG-OF_-R3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	2	1	2164 2172	541529N0342639E 541723N0342229E	060729ZFEB08 060730ZFEB08	10
1	4	1	1986 2038	542123N0323047E 541853N0321925E	060746ZFEB08 060748ZFEB08	10
1	7	1	2130 2138	535534N0302126E 535043N0300822E	060808ZFEB08 060810ZFEB08	10
1	9	1	2001 2011	532012N0283904E 531557N0283814E	060827ZFEB08 060828ZFEB08	10
1	10	1	1990 2002	530213N0281437E 530057N0281023E	060834ZFEB08 060835ZFEB08	10
1	12	1	1998 2168	525706N0275451E 525447N0274844E	060837ZFEB08 060839ZFEB08	10
1	13	1	1996 2010	521902N0265044E 521455N0264418E	060852ZFEB08 060853ZFEB08	10
1	14	1	2010 2018	520510N0255223E 520507N0254525E	060902ZFEB08 060903ZFEB08	10
1	16	1	1958 1970	515711N0234705E 520738N0234037E	060925ZFEB08 060928ZFEB08	1B
1	17	1	1959 2148	520815N0234306E 520547N0234637E	060933ZFEB08 060934ZFEB08	1B
1	20	1	1948 1968	523531N0242218E 523109N0243113E	060944ZFEB08 060946ZFEB08	10
1	21	1	1948 1956	523234N0245102E 523520N0245610E	060950ZFEB08 060951ZFEB08	10
1	23	1	1948 2005	530443N0252005E 530214N0252826E	061005ZFEB08 061007ZFEB08	10

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: YES
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: YES
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: YES

- F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:
DUE TO SEVERE WEATHER CONDITIONS AT DESTINATION AERODROME (UUMB) AS WELL AS THE IFR ALTERNATE, THE MISSION WAS TERMINATED AFTER LEG 23 AND THE AIRCRAFT DIVERTED TO UDD. SEVERE WEATHER CONDITIONS ON 8 FEBRUARY 08 PRECLUDED THE CONDUCT OF SEGMENT 2 OF THE MISSION.
PREFLIGHT-INSPECTION: OK
FILM PROCESSED BY: CANADA
FILM PROCESSING WILL OCCUR ON 14 AND 15 FEBRUARY 2008 IN OTTAWA, CANADA.
- G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJOR JOHN NOWAK**
- H. NAME OF CHIEF FLIGHT MONITOR:
- I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **081600ZFEB08**
6. REMARKS:
CANADIAN AIRCREW ARRIVED AT POE WITHOUT RUSSIAN VISAS. CANADA APPRECIATES THE EFFORT MADE BY THE RUSSIAN TEAM IN ACQUIRING VALID VISAS FOR THE CANADIAN AIRCREW ON EXTREMELY SHORT NOTICE. CANADA WISHES TO ACKNOWLEDGE THE RUSSIAN TEAM'S FLEXIBILITY IN ALLOWING US TO OPERATE FROM UDD DUE TO THE SEVERE WEATHER CONDITIONS.
7. END OF OS MESSAGE NUMBER: **OS/CA/08/0012/F14/C**

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO:

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/07/0035/F14/O
2. OS MESSAGE DATE AND TIME: 201653Z AUG07
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/07/0025/F12/O
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS7138
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 061150Z AUG07
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C130H

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: KUBINKA
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES: 553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: 090600Z AUG07
 - (c) LEGS OF THIS SEGMENT:
 - 1, 552141N0373210E
 - 2, 552529N0380634E
 - 3, 553619N0382844E
 - 4, 552035N0383800E
 - 5, 550104N0384923E
 - 6, 543341N0394312E
 - 7, 544357N0394530E

8, 544153N0413833E
 9, 545343N0461705E
 10, 544833N0464648E
 11, 542532N0481153E
 12, 542031N0484358E
 13, 543006N0485555E
 14, 554107N0490533E
 15, 555211N0491535E
 16, 555129N0485736E
 17, 563528N0482921E
 18, 563320N0472935E
 19, 562114N0442920E
 20, 562223N0440312E
 21, 561810N0433537E
 22, 561035N0432111E
 23, 561750N0430823E
 24, 561847N0423412E
 25, 562502N0412801E
 26, 562020N0410429E
 27, 564002N0405800E
 28, 570846N0405925E
 29, 570117N0403916E
 30, 563310N0401907E
 31, 561004N0403816E
 32, 560344N0395618E
 33, 553932N0382627E
 34, 555049N0375730E
 35, 553646N0363859E

(d) LANDING AIRFIELD: KUBINKA

(i) ICAO DESIGNATOR: UUMB

(ii) GEOGRAPHIC CO-ORDINATES:
 553642N, 0363900E

(e) DATE AND TIME OF LANDING: 091039ZAUG07

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 2129

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__-L3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	5145 5347	553558N0364048E 552341N0372513E	090616ZAUG07 090622ZAUG07	0C
1	2	1	5170 5220	552212N0373657E 552442N0375915E	090624ZAUG07 090626ZAUG07	0C
1	3	1	5205 5400	552726N0381022E 553337N0382306E	090628ZAUG07 090630ZAUG07	0C
1	5	1	2095 2236	551921N0383844E 550528N0384651E	090636ZAUG07 090639ZAUG07	0C
1	6	1	2075 2100	545948N0385152E 543453N0394054E	090640ZAUG07 090649ZAUG07	0C

1	7	1	2065 2105	543506N0394331E 543720N0394348E	090654ZAUG07 0C 090655ZAUG07
1	8	1	2080 2245	544352N0395315E 544206N0413050E	090657ZAUG07 0C 090709ZAUG07
1	9	1	2085 2260	544217N0414437E 545334N0460958E	090711ZAUG07 1S 090744ZAUG07
1	10	1	2065 2125	545218N0462535E 544948N0463942E	090746ZAUG07 1B 090748ZAUG07
1	11	1	2230 2259	544750N0464930E 542713N0480553E	090749ZAUG07 1S 090759ZAUG07
1	12	1	2188 2196	542502N0481507E 542203N0483424E	090800ZAUG07 1B 090803ZAUG07
1	13	1	2195 2205	542513N0484943E 542743N0485252E	090805ZAUG07 1O 090806ZAUG07
1	14	1	2180 2200	543229N0485613E 553724N0490500E	090807ZAUG07 1O 090822ZAUG07
1	15	1	2188 2238	554244N0490703E 554905N0491244E	090823ZAUG07 1B 090825ZAUG07
1	16	1	2189 2192	555203N0490706E 555134N0485845E	090831ZAUG07 1B 090832ZAUG07
1	18	1	2217 2231	563503N0481647E 563339N0473758E	090844ZAUG07 1S 090848ZAUG07
1	19	1	2226 2250	563306N0472532E 562144N0443607E	090850ZAUG07 1S 090907ZAUG07
1	20	1	2249 2254	562123N0442526E 562202N0441055E	090909ZAUG07 1S 090910ZAUG07
1	21	1	2251 2255	562139N0435820E 561917N0434256E	090911ZAUG07 1S 090913ZAUG07
1	22	1	2256 2258	561611N0433148E 561323N0432633E	090914ZAUG07 1S 090915ZAUG07
1	23	1	1933 1952	561435N0431405E 561606N0431124E	090917ZAUG07 1S 090917ZAUG07
1	24	1	1830 1855	561807N0430011E 561834N0424138E	090919ZAUG07 0C 090921ZAUG07
1	25	1	1860 1953	561910N0423001E 562426N0413428E	090922ZAUG07 1S 090928ZAUG07
1	26	1	1800 1948	562404N0412310E 562141N0411123E	090929ZAUG07 1S 090931ZAUG07
1	27	1	1944 1948	563109N0410055E 563514N0405933E	090935ZAUG07 1S 090935ZAUG07
1	28	1	2256	565034N0405828E	090939ZAUG07 0C

			2269	570709N0405918E	090942ZAUG07	
1	30	1	2263 2268	565625N0403545E 563725N0402209E	090947ZAUG07 090951ZAUG07	0C
1	31	1	2260 2266	562935N0402205E 561400N0403503E	090952ZAUG07 090956ZAUG07	0C
1	32	1	2248 2256	560954N0403713E 560448N0400332E	090959ZAUG07 091003ZAUG07	0C
1	33	1	5358 5370	555626N0392839E 554112N0383234E	091008ZAUG07 091014ZAUG07	0C
1	34	1	5372 5376	554252N0381803E 554920N0380116E	091016ZAUG07 091018ZAUG07	0C
1	35	1	5372 5382	554950N0375140E 553653N0363942E	091022ZAUG07 091029ZAUG07	0C

(2) SENSOR USED: PG-OF__-V3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	5145 5347	553558N0364048E 552341N0372513E	090616ZAUG07 090622ZAUG07	0C
1	2	1	5170 5220	552212N0373657E 552442N0375915E	090624ZAUG07 090626ZAUG07	0C
1	3	1	5205 5400	552726N0381022E 553337N0382306E	090628ZAUG07 090630ZAUG07	0C
1	5	1	2095 2236	551921N0383844E 550528N0384651E	090636ZAUG07 090639ZAUG07	0C
1	6	1	2075 2100	545948N0385152E 543453N0394054E	090640ZAUG07 090649ZAUG07	0C
1	7	1	2065 2105	543506N0394331E 543720N0394348E	090654ZAUG07 090655ZAUG07	0C
1	8	1	2080 2245	544352N0395315E 544206N0413050E	090657ZAUG07 090709ZAUG07	0C
1	9	1	2085 2260	544217N0414437E 545334N0460958E	090711ZAUG07 090744ZAUG07	1S
1	10	1	2065 2125	545218N0462535E 544948N0463942E	090746ZAUG07 090748ZAUG07	1B
1	11	1	2230 2259	544750N0464930E 542713N0480553E	090749ZAUG07 090759ZAUG07	1S
1	12	1	2188 2196	542502N0481507E 542203N0483424E	090800ZAUG07 090803ZAUG07	1B
1	13	1	2195 2205	542513N0484943E 542743N0485252E	090805ZAUG07 090806ZAUG07	1O

1	14	1	2180 2200	543229N0485613E 553724N0490500E	090807ZAUG07 090822ZAUG07	1O
1	15	1	2188 2238	554244N0490703E 554905N0491244E	090823ZAUG07 090825ZAUG07	1B
1	16	1	2189 2192	555203N0490706E 555134N0485845E	090831ZAUG07 090832ZAUG07	1B
1	18	1	2217 2231	563503N0481647E 563339N0473758E	090844ZAUG07 090848ZAUG07	1S
1	19	1	2226 2250	563306N0472532E 562144N0443607E	090850ZAUG07 090907ZAUG07	1S
1	20	1	2249 2254	562123N0442526E 562202N0441055E	090909ZAUG07 090910ZAUG07	1S
1	21	1	2251 2255	562139N0435820E 561917N0434256E	090911ZAUG07 090913ZAUG07	1S
1	22	1	2256 2258	561611N0433148E 561323N0432633E	090914ZAUG07 090915ZAUG07	1S
1	23	1	1933 1952	561435N0431405E 561606N0431124E	090917ZAUG07 090917ZAUG07	1S
1	24	1	1830 1855	561807N0430011E 561834N0424138E	090919ZAUG07 090921ZAUG07	0C
1	25	1	1860 1953	561910N0423001E 562426N0413428E	090922ZAUG07 090928ZAUG07	1S
1	26	1	1800 1948	562404N0412310E 562141N0411123E	090929ZAUG07 090931ZAUG07	1S
1	27	1	1944 1948	563109N0410055E 563514N0405933E	090935ZAUG07 090935ZAUG07	1S
1	28	1	2256 2269	565034N0405828E 570709N0405918E	090939ZAUG07 090942ZAUG07	0C
1	30	1	2263 2268	565625N0403545E 563725N0402209E	090947ZAUG07 090951ZAUG07	0C
1	31	1	2260 2266	562935N0402205E 561400N0403503E	090952ZAUG07 090956ZAUG07	0C
1	32	1	2248 2256	560954N0403713E 560448N0400332E	090959ZAUG07 091003ZAUG07	0C
1	33	1	5358 5370	555626N0392839E 554112N0383234E	091008ZAUG07 091014ZAUG07	0C
1	34	1	5372 5376	554252N0381803E 554920N0380116E	091016ZAUG07 091018ZAUG07	0C
1	35	1	5372 5382	554950N0375140E 553653N0363942E	091022ZAUG07 091029ZAUG07	0C

(3) SENSOR USED: PG-OF__-R3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	5145 5347	553558N0364048E 552341N0372513E	090616ZAUG07 090622ZAUG07	0C
1	2	1	5170 5220	552212N0373657E 552442N0375915E	090624ZAUG07 090626ZAUG07	0C
1	3	1	5205 5400	552726N0381022E 553337N0382306E	090628ZAUG07 090630ZAUG07	0C
1	5	1	2095 2236	551921N0383844E 550528N0384651E	090636ZAUG07 090639ZAUG07	0C
1	6	1	2075 2100	545948N0385152E 543453N0394054E	090640ZAUG07 090649ZAUG07	0C
1	7	1	2065 2105	543506N0394331E 543720N0394348E	090654ZAUG07 090655ZAUG07	0C
1	8	1	2080 2245	544352N0395315E 544206N0413050E	090657ZAUG07 090709ZAUG07	0C
1	9	1	2085 2260	544217N0414437E 545334N0460958E	090711ZAUG07 090744ZAUG07	1S
1	10	1	2065 2125	545218N0462535E 544948N0463942E	090746ZAUG07 090748ZAUG07	1B
1	11	1	2230 2259	544750N0464930E 542713N0480553E	090749ZAUG07 090759ZAUG07	1S
1	12	1	2188 2196	542502N0481507E 542203N0483424E	090800ZAUG07 090803ZAUG07	1B
1	13	1	2195 2205	542513N0484943E 542743N0485252E	090805ZAUG07 090806ZAUG07	1O
1	14	1	2180 2200	543229N0485613E 553724N0490500E	090807ZAUG07 090822ZAUG07	1O
1	15	1	2188 2238	554244N0490703E 554905N0491244E	090823ZAUG07 090825ZAUG07	1B
1	16	1	2189 2192	555203N0490706E 555134N0485845E	090831ZAUG07 090832ZAUG07	1B
1	18	1	2217 2231	563503N0481647E 563339N0473758E	090844ZAUG07 090848ZAUG07	1S
1	19	1	2226 2250	563306N0472532E 562144N0443607E	090850ZAUG07 090907ZAUG07	1S
1	20	1	2249 2254	562123N0442526E 562202N0441055E	090909ZAUG07 090910ZAUG07	1S
1	21	1	2251 2255	562139N0435820E 561917N0434256E	090911ZAUG07 090913ZAUG07	1S
1	22	1	2256	561611N0433148E	090914ZAUG07	1S

			2258	561323N0432633E	090915ZAUG07	
1	23	1	1933 1952	561435N0431405E 561606N0431124E	090917ZAUG07 090917ZAUG07	1S
1	24	1	1830 1855	561807N0430011E 561834N0424138E	090919ZAUG07 090921ZAUG07	0C
1	25	1	1860 1953	561910N0423001E 562426N0413428E	090922ZAUG07 090928ZAUG07	1S
1	26	1	1800 1948	562404N0412310E 562141N0411123E	090929ZAUG07 090931ZAUG07	1S
1	27	1	1944 1948	563109N0410055E 563514N0405933E	090935ZAUG07 090935ZAUG07	1S
1	28	1	2256 2269	565034N0405828E 570709N0405918E	090939ZAUG07 090942ZAUG07	0C

(4) SENSOR USED: PG-OP__-P3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	5145 5347	553558N0364048E 552341N0372513E	090616ZAUG07 090622ZAUG07	0C
1	2	1	5170 5220	552212N0373657E 552442N0375915E	090624ZAUG07 090626ZAUG07	0C
1	3	1	5205 5400	552726N0381022E 553337N0382306E	090628ZAUG07 090630ZAUG07	0C
1	33	1	5358 5370	555626N0392839E 554112N0383234E	091008ZAUG07 091014ZAUG07	0C
1	34	1	5372 5376	554252N0381803E 554920N0380116E	091016ZAUG07 091018ZAUG07	0C
1	35	1	5372 5382	554950N0375140E 553653N0363942E	091022ZAUG07 091029ZAUG07	0C

(5) SENSOR USED: PG-TVFI-T1

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	5145 5347	553558N0364048E 552341N0372513E	090616ZAUG07 090622ZAUG07	0C
1	2	1	5170 5220	552212N0373657E 552442N0375915E	090624ZAUG07 090626ZAUG07	0C
1	3	1	5205 5400	552726N0381022E 553337N0382306E	090628ZAUG07 090630ZAUG07	0C
1	5	1	2095 2236	551921N0383844E 550528N0384651E	090636ZAUG07 090639ZAUG07	0C

1	6	1	2075 2100	545948N0385152E 543453N0394054E	090640ZAUG07 090649ZAUG07	0C
1	7	1	2065 2105	543506N0394331E 543720N0394348E	090654ZAUG07 090655ZAUG07	0C
1	8	1	2080 2245	544352N0395315E 544206N0413050E	090657ZAUG07 090709ZAUG07	0C
1	9	1	2085 2260	544217N0414437E 545334N0460958E	090711ZAUG07 090744ZAUG07	1S
1	10	1	2065 2125	545218N0462535E 544948N0463942E	090746ZAUG07 090748ZAUG07	1B
1	11	1	2230 2259	544750N0464930E 542713N0480553E	090749ZAUG07 090759ZAUG07	1S
1	12	1	2188 2196	542502N0481507E 542203N0483424E	090800ZAUG07 090803ZAUG07	1B
1	13	1	2195 2205	542513N0484943E 542743N0485252E	090805ZAUG07 090806ZAUG07	1O
1	14	1	2180 2200	543229N0485613E 553724N0490500E	090807ZAUG07 090822ZAUG07	1O
1	15	1	2188 2238	554244N0490703E 554905N0491244E	090823ZAUG07 090825ZAUG07	1B
1	16	1	2189 2192	555203N0490706E 555134N0485845E	090831ZAUG07 090832ZAUG07	1B
1	18	1	2217 2231	563503N0481647E 563339N0473758E	090844ZAUG07 090848ZAUG07	1S
1	19	1	2226 2250	563306N0472532E 562144N0443607E	090850ZAUG07 090907ZAUG07	1S
1	20	1	2249 2254	562123N0442526E 562202N0441055E	090909ZAUG07 090910ZAUG07	1S
1	21	1	2251 2255	562139N0435820E 561917N0434256E	090911ZAUG07 090913ZAUG07	1S
1	22	1	2256 2258	561611N0433148E 561323N0432633E	090914ZAUG07 090915ZAUG07	1S
1	23	1	1933 1952	561435N0431405E 561606N0431124E	090917ZAUG07 090917ZAUG07	1S
1	24	1	1830 1855	561807N0430011E 561834N0424138E	090919ZAUG07 090921ZAUG07	0C
1	25	1	1860 1953	561910N0423001E 562426N0413428E	090922ZAUG07 090928ZAUG07	1S
1	26	1	1800 1948	562404N0412310E 562141N0411123E	090929ZAUG07 090931ZAUG07	1S
1	27	1	1944 1948	563109N0410055E 563514N0405933E	090935ZAUG07 090935ZAUG07	1S

1	28	1	2256 2269	565034N0405828E 570709N0405918E	090939ZAUG07 0C 090942ZAUG07
1	30	1	2263 2268	565625N0403545E 563725N0402209E	090947ZAUG07 0C 090951ZAUG07
1	31	1	2260 2266	562935N0402205E 561400N0403503E	090952ZAUG07 0C 090956ZAUG07
1	32	1	2248 2256	560954N0403713E 560448N0400332E	090959ZAUG07 0C 091003ZAUG07
1	33	1	5358 5370	555626N0392839E 554112N0383234E	091008ZAUG07 0C 091014ZAUG07
1	34	1	5372 5376	554252N0381803E 554920N0380116E	091016ZAUG07 0C 091018ZAUG07
1	35	1	5372 5382	554950N0375140E 553653N0363942E	091022ZAUG07 0C 091029ZAUG07

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: YES
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: YES
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: YES

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

THE AGREED MISSION PLAN INCLUDED TWO SEGMENTS. THE FIRST PLANNED SEGMENT WAS NOT FLOWN DUE TO SENSOR UNSERVICABILITY AND IMPOSED TIME LIMITATIONS FOR ENTRY INTO AREA UUP-33.

PREFLIGHT-INSPECTION: OK

FILM PROCESSED BY: CANADA UPON RETURN ON 15-16 AUGUST

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJOR DOMINIC CARINO**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **101500ZAUG07**

6. REMARKS:
NIL

7. END OF OS MESSAGE NUMBER: **OS/CA/07/0035/F14/O**

OS FORMAT 14

PRECEDENCE: PRIORITY

FROM: CANADA

TO: ALL STATES PARTIES

INFO:

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/06/0026/F14/O
2. OS MESSAGE DATE AND TIME: 311600ZMAY06
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/06/0016/F12/O
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: BELARUS/RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS-6-137
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 151120ZMAY06
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C-130H

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: KUBINKA
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES: 553642N, 363900E
 - (b) DATE AND TIME OF TAKEOFF: 170450ZMAY06
 - (c) LEGS OF THIS SEGMENT:
 - 1, 550656N341007E
 - 2, 544035N310149E
 - 3, 542100N283747E
 - 4, 540548N281331E
 - 5, 540704N275145E
 - 6, 534327N273022E
 - 7, 532716N282253E

8, 532228N284437E
9, 525155N275718E
10, 533727N272305E
11, 535447N250751E
12, 540219N244929E
13, 543615N224144E
14, 543523N215949E
15, 544101N214357E
16, 543908N205427E
17, 544254N201655E
18, 543729N194600E
19, 543236N194652E
20, 544934N200708E
21, 544307N204234E
22, 545324N203542E

(d) LANDING AIRFIELD: **KALININGRAD**

(i) ICAO DESIGNATOR: **UMKK**

(ii) GEOGRAPHIC CO-ORDINATES:
545324N, 203542E

(e) DATE AND TIME OF LANDING: **170850ZMAY06**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **KALININGRAD**

(i) ICAO DESIGNATOR: **UMKK**

(ii) GEOGRAPHIC CO-ORDINATES:
545324N, 203542E

(b) DATE AND TIME OF TAKEOFF: **171100ZMAY06**

(c) LEGS OF THIS SEGMENT:

1, 544927N201509E
2, 545813N195301E
3, 545710N224402E
4, 545034N254645E
5, 544833N290022E
6, 550347N284313E
7, 553101N285440E
8, 553531N283124E
9, 553815N284808E
10, 555747N284510E
11, 574135N282008E
12, 575258N282434E
13, 581806N291420E
14, 580706N302948E
15, 582349N310849E
16, 584333N312825E
17, 583627N295036E
18, 585246N294740E
19, 592828N300502E
20, 595137N293517E
21, 602656N291334E
22, 602809N283838E
23, 604409N291951E
24, 604246N301719E
25, 601854N302312E

26, 595806N301046E
27, 594106N302017E
28, 600517N301254E

- (d) LANDING AIRFIELD: **LEVASHOVO**
- (i) ICAO DESIGNATOR: **XLLV**
- (ii) GEOGRAPHIC CO-ORDINATES:
600517N, 301254E
- (e) DATE AND TIME OF LANDING: **171522ZMAY06**
- (3) FLIGHT SEGMENT NUMBER: **3**

- (a) DEPARTURE AIRFIELD: **LEVASHOVO**
- (i) ICAO DESIGNATOR: **XLLV**
- (ii) GEOGRAPHIC CO-ORDINATES:
600517N, 301254E
- (b) DATE AND TIME OF TAKEOFF: **190700ZMAY06**

- (c) LEGS OF THIS SEGMENT:

1, 594106N302017E
2, 594950N295300E
3, 595415N302155E
4, 601947N300216E
5, 604425N335036E
6, 624752N403405E
7, 624216N403530E
8, 624402N400255E
9, 582041N413251E
10, 574704N411208E
11, 574610N402718E
12, 573214N394728E
13, 570634N410724E
14, 564800N402133E
15, 564844N400400E
16, 570218N403443E
17, 563750N402359E
18, 562205N391842E
19, 555456N381634E
20, 555129N375409E
21, 553337N375119E
22, 553650N382737E
23, 552512N382753E
24, 552709N373547E
25, 554457N370318E
26, 551632N364911E
27, 550925N363226E
28, 553207N364819E
29, 553642N363900E

- (d) LANDING AIRFIELD: **KUBINKA**
- (i) ICAO DESIGNATOR: **UUMB**
- (ii) GEOGRAPHIC CO-ORDINATES:
553642N, 363900E

(e) DATE AND TIME OF LANDING: 191241ZMAY06

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 5201

D. OBSERVATION PERIODS

(1) SENSOR USED: SEGMENT 1 PG-OF_-L6

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	1792 1802	553158N361411E 552340N353138E	170501ZMAY06 170508ZMAY06	0C
1	2	1	1788 1791	544937N320217E 544821N315338E	170539ZMAY06 170541ZMAY06	1S
1	7	1	1812 1818	533707N275113E 532936N281529E	170632ZMAY06 170636ZMAY06	1O
1	9	1	1808 1813	532136N284318E 531330N283038E	170644ZMAY06 170647ZMAY06	1O
1	11	1	1826 1827	534457N262659E 534522N262345E	170720ZMAY06 170721ZMAY06	1S
1	11	2	1831 1837	535122N253606E 535423N251101E	170728ZMAY06 170732ZMAY06	1S
1	14	1	1510 1514	543607N223528E 543530N220530E	170801ZMAY06 170805ZMAY06	1B
1	15	1	1510 1512	543706N215457E 544028N214526E	170807ZMAY06 170808ZMAY06	1B
1	16	1	1511 1514	544003N211747E 543921N210003E	170813ZMAY06 170815ZMAY06	1S
1	17	1	1510 1512	544018N204248E 544230N202049E	170818ZMAY06 170821ZMAY06	1S
1	20	1	1510 1514	543502N194943E 544637N200333E	170832ZMAY06 170835ZMAY06	1O

(2) SENSOR USED: SEGMENT 1 PG-OF_-V6

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	1792 1802	553158N361411E 552340N353138E	170501ZMAY06 170508ZMAY06	0C
1	2	1	1788 1791	544937N320217E 544821N315338E	170539ZMAY06 170541ZMAY06	1S
1	7	1	1812 1818	533707N275113E 532936N281529E	170632ZMAY06 170636ZMAY06	1O
1	9	1	1808 1813	532136N284318E 531330N283038E	170644ZMAY06 170647ZMAY06	1O

1	11	1	1826 1827	534457N262659E 534522N262345E	170720ZMAY06 170721ZMAY06	1S
1	11	2	1831 1837	535122N253606E 535423N251101E	170728ZMAY06 170732ZMAY06	1S
1	14	1	1510 1514	543607N223528E 543530N220530E	170801ZMAY06 170805ZMAY06	1B
1	15	1	1510 1512	543706N215457E 544028N214526E	170807ZMAY06 170808ZMAY06	1B
1	20	1	1510 1514	543502N194943E 544637N200333E	170832ZMAY06 170835ZMAY06	1O

(3) SENSOR USED: SEGMENT 1 PG-OF_-R6

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	1792 1802	553158N361411E 552340N353138E	170501ZMAY06 170508ZMAY06	0C
1	2	1	1788 1792	544937N320217E 544821N315338E	170539ZMAY06 170541ZMAY06	1S
1	7	1	1812 1818	533707N275113E 532936N281529E	170632ZMAY06 170636ZMAY06	1O
1	9	1	1808 1813	532136N284318E 531330N283038E	170644ZMAY06 170647ZMAY06	1O
1	11	1	1826 1827	534457N262659E 534522N262345E	170720ZMAY06 170721ZMAY06	1S
1	11	2	1831 1837	535122N253606E 535423N251101E	170728ZMAY06 170732ZMAY06	1S
1	14	1	1510 1514	543607N223528E 543530N220530E	170801ZMAY06 170805ZMAY06	1B
1	15	1	1510 1512	543706N215457E 544028N214526E	170807ZMAY06 170808ZMAY06	1B
1	16	1	1511 1514	544003N211747E 543921N210003E	170813ZMAY06 170815ZMAY06	1S
1	17	1	1510 1512	544018N204248E 544230N202049E	170818ZMAY06 170821ZMAY06	1S
1	20	1	1510 1514	543502N194943E 544637N200333E	170832ZMAY06 170835ZMAY06	1O

(4) SENSOR USED: SEGMENT 1 PG-TVFI-T1

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	1792	553158N361411E	170501ZMAY06	0C

			1802	552340N353138E	170508ZMAY06	
1	2	1	1788 1791	544937N320217E 544821N315338E	170539ZMAY06 170541ZMAY06	1S
1	7	1	1812 1818	533707N275113E 532936N281529E	170632ZMAY06 170636ZMAY06	1O
1	9	1	1808 1813	532136N284318E 531330N283038E	170644ZMAY06 170647ZMAY06	1O
1	11	1	1822 1826	533809N271749E 533938N270659E	170713ZMAY06 170714ZMAY06	1S
1	11	2	1826 1827	534457N262659E 534522N262345E	170720ZMAY06 170721ZMAY06	1S
1	11	3	1831 1837	535122N253606E 535423N251101E	170728ZMAY06 170732ZMAY06	1S
1	14	1	1510 1514	543607N223528E 543530N220530E	170801ZMAY06 170805ZMAY06	1B
1	15	1	1510 1512	543706N215457E 543530N220530E	170807ZMAY06 170808ZMAY06	1B
1	16	1	1511 1514	544003N211747E 543921N210003E	170813ZMAY06 170815ZMAY06	1S
1	17	1	1510 1512	544018N204248E 544230N202049E	170818ZMAY06 170821ZMAY06	1S
1	20	1	1510 1514	543502N194943E 544637N200333E	170832ZMAY06 170835ZMAY06	1O

(5) SENSOR USED: SEGMENT 2 PG-OF_-L6

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
2	1	1	1820 1827	545313N203456E 545018N201942E	171104ZMAY06 171106ZMAY06	1O
2	2	1	1820 1822	545325N200508E 545645N195639E	171109ZMAY06 171110ZMAY06	1O
2	3	1	1820 1822	545821N201428E 545822N202819E	171118ZMAY06 171119ZMAY06	1S
2	6	1	1863 1866	545209N285617E 550033N284649E	171229ZMAY06 171231ZMAY06	1B
2	8	1	1862 1869	553115N285323E 553300N284426E	171242ZMAY06 171243ZMAY06	1S
2	9	1	1864 1871	553624N283651E 553732N284338E	171249ZMAY06 171250ZMAY06	1B
2	11	1	1802 1811	561832N284018E 562339N283907E	171301ZMAY06 171302ZMAY06	0C

2	11	2	1803 1806	570921N282806E 571117N282738E	171313ZMAY06 171314ZMAY06	0C
2	11	3	1803 1812	571510N282641E 572058N282515E	171315ZMAY06 171316ZMAY06	0C
2	12	1	1800 1805	574434N282116E 574855N282257E	171322ZMAY06 171323ZMAY06	0C
2	13	1	1797 1807	581138N290120E 581354N290552E	171330ZMAY06 171331ZMAY06	0C
2	13	2	1800 1800	581420N290645E 581420N290645E	171331ZMAY06 171331ZMAY06	0C
2	14	1	1493 1511	580925N301425E 580748N302514E	171340ZMAY06 171341ZMAY06	0C
2	15	1	1493 1500	581211N304116E 581413N304606E	171344ZMAY06 171344ZMAY06	0C
2	16	1	1492 1506	582814N311308E 583916N312404E	171349ZMAY06 171352ZMAY06	0C
2	18	1	1494 1507	584032N294949E 584758N294827E	171407ZMAY06 171409ZMAY06	0C
2	19	1	1488 1507	591833N300004E 592346N300240E	171416ZMAY06 171417ZMAY06	0C
2	19	2	1496 1496	592416N300254E 592416N300254E	171417ZMAY06 171417ZMAY06	0C
2	22	1	1485 1496	602705N290842E 602722N290103E	171437ZMAY06 171438ZMAY06	0C
2	22	2	1491 1495	602750N284723E 602803N284053E	171440ZMAY06 171440ZMAY06	0C
2	23	1	1487 1498	603947N290824E 604147N291335E	171446ZMAY06 171447ZMAY06	0C
2	24	1	1486 1495	604321N295531E 604257N301059E	171452ZMAY06 171454ZMAY06	0C
2	26	1	1491 1498	601414N302024E 600223N301322E	171501ZMAY06 171504ZMAY06	0C
2	26	2	1493 1493	600150N301302E 600150N301302E	171504ZMAY06 171504ZMAY06	0C
2	27	1	1494 1500	595446N301241E 594138N302000E	171506ZMAY06 171509ZMAY06	0C

(6) SENSOR USED: SEGMENT 2 PG-OF_-V6

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
2	1	1	1820 1827	545313N203456E 545018N201942E	171104ZMAY06 171106ZMAY06	10

2	2	1	1820 1822	545325N200508E 545645N195639E	171109ZMAY06 171110ZMAY06	1O
2	3	1	1820 1822	545821N201428E 545822N202819E	171118ZMAY06 171119ZMAY06	1S
2	6	1	1863 1866	545209N285617E 550033N284649E	171229ZMAY06 171231ZMAY06	1B
2	8	1	1862 1869	553115N285323E 553300N284426E	171242ZMAY06 171243ZMAY06	1S
2	9	1	1864 1871	553624N283651E 553732N284338E	171249ZMAY06 171250ZMAY06	1B
2	11	1	1803 1811	561832N284018E 562339N283907E	171301ZMAY06 171302ZMAY06	0C
2	11	2	1803 1806	570921N282806E 571117N282738E	171313ZMAY06 171314ZMAY06	0C
2	11	3	1803 1812	571510N282641E 572058N282515E	171315ZMAY06 171316ZMAY06	0C
2	12	1	1800 1805	574434N282116E 574855N282257E	171322ZMAY06 171323ZMAY06	0C
2	13	1	1797 1807	581138N290120E 581354N290552E	171330ZMAY06 171331ZMAY06	0C
2	13	2	1800 1800	581420N290645E 581420N290645E	171331ZMAY06 171331ZMAY06	0C
2	14	1	1493 1511	580925N301425E 580748N302514E	171340ZMAY06 171341ZMAY06	0C
2	15	1	1493 1500	581211N304116E 581413N304606E	171344ZMAY06 171344ZMAY06	0C
2	16	1	1492 1506	582814N311308E 583916N312404E	171349ZMAY06 171352ZMAY06	0C
2	18	1	1494 1507	584032N294949E 584758N294827E	171407ZMAY06 171409ZMAY06	0C
2	19	1	1488 1507	591833N300004E 592346N300240E	171416ZMAY06 171417ZMAY06	0C
2	19	2	1496 1496	592416N300254E 592416N300254E	171417ZMAY06 171417ZMAY06	0C
2	22	1	1485 1496	602705N290842E 602722N290103E	171437ZMAY06 171438ZMAY06	0C
2	22	2	1491 1495	602750N284723E 602803N284053E	171440ZMAY06 171440ZMAY06	0C
2	23	1	1487 1498	603947N290824E 604147N291335E	171446ZMAY06 171447ZMAY06	0C
2	24	1	1486	604321N295531E	171452ZMAY06	0C

			1495	604257N301059E	171454ZMAY06	
2	26	1	1491 1498	601414N302024E 600223N301322E	171501ZMAY06 171504ZMAY06	0C
2	26	2	1493 1493	600150N301302E 600150N301302E	171504ZMAY06 171504ZMAY06	0C
2	27	1	1494 1500	595446N301241E 594138N302000E	171506ZMAY06 171509ZMAY06	0C

(7) SENSOR USED: SEGMENT 2 PG-OF_-R6

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
2	1	1	1820 1827	545313N203456E 545018N201942E	171104ZMAY06 171106ZMAY06	1O
2	2	1	1820 1822	545325N200508E 545645N195639E	171109ZMAY06 171110ZMAY06	1O
2	3	1	1820 1822	545821N201428E 545822N202819E	171118ZMAY06 171119ZMAY06	1S
2	6	1	1863 1866	545209N285617E 550033N284649E	171229ZMAY06 171231ZMAY06	1B
2	8	1	1862 1869	553115N285323E 553300N284426E	171242ZMAY06 171243ZMAY06	1S
2	9	1	1864 1871	553624N283651E 553732N284338E	171249ZMAY06 171250ZMAY06	1B
2	11	1	1803 1811	561832N284018E 562339N283907E	171301ZMAY06 171302ZMAY06	0C
2	11	2	1803 1806	570921N282806E 571117N282738E	171313ZMAY06 171314ZMAY06	0C
2	11	3	1803 1812	571510N282641E 572058N282515E	171315ZMAY06 171316ZMAY06	0C
2	12	1	1800 1805	574434N282116E 574855N282257E	171322ZMAY06 171323ZMAY06	0C
2	13	1	1797 1807	581138N290120E 581354N290552E	171330ZMAY06 171331ZMAY06	0C
2	13	2	1800 1800	581420N290645E 581420N290645E	171331ZMAY06 171331ZMAY06	0C
2	14	1	1493 1511	580925N301425E 580748N302514E	171340ZMAY06 171341ZMAY06	0C
2	15	1	1493 1500	581211N304116E 581413N304606E	171344ZMAY06 171344ZMAY06	0C
2	16	1	1492 1506	582814N311308E 583916N312404E	171349ZMAY06 171352ZMAY06	0C

2	18	1	1494 1507	584032N294949E 584758N294827E	171407ZMAY06 171409ZMAY06	0C
2	19	1	1488 1507	591833N300004E 592346N300240E	171416ZMAY06 171417ZMAY06	0C
2	19	2	1496 1496	592416N300254E 592416N300254E	171417ZMAY06 171417ZMAY06	0C
2	22	1	1485 1496	602705N290842E 602722N290103E	171437ZMAY06 171438ZMAY06	0C
2	22	2	1491 1495	602750N284723E 602803N284053E	171440ZMAY06 171440ZMAY06	0C
2	23	1	1487 1498	603947N290824E 604147N291335E	171446ZMAY06 171447ZMAY06	0C
2	24	1	1486 1495	604321N295531E 604257N301059E	171452ZMAY06 171454ZMAY06	0C
2	26	1	1491 1498	601414N302024E 600223N301322E	171501ZMAY06 171504ZMAY06	0C
2	26	2	1493 1493	600150N301302E 600150N301302E	171504ZMAY06 171504ZMAY06	0C
2	27	1	1494 1500	595446N301241E 594138N302000E	171506ZMAY06 171509ZMAY06	0C

(8) SENSOR USED: SEGMENT 2 PG-TVFI-T1

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
2	1	1	1820 1827	545313N203456E 545018N201942E	171104ZMAY06 171106ZMAY06	10
2	2	1	1820 1822	545325N200508E 545645N195639E	171109ZMAY06 171110ZMAY06	10
2	3	1	1820 1822	545821N201428E 545822N202819E	171118ZMAY06 171119ZMAY06	1S
2	6	1	1863 1866	545209N285617E 550033N284649E	171229ZMAY06 171231ZMAY06	1B
2	8	1	1862 1869	553115N285323E 553300N284426E	171242ZMAY06 171243ZMAY06	1S
2	9	1	1864 1871	553624N283651E 553732N284338E	171249ZMAY06 171250ZMAY06	1B
2	11	1	1803 1811	561832N284018E 562339N283907E	171301ZMAY06 171302ZMAY06	0C
2	11	2	1803 1806	570921N282806E 571117N282738E	171313ZMAY06 171314ZMAY06	0C
2	11	3	1803 1812	571510N282641E 572058N282515E	171315ZMAY06 171316ZMAY06	0C

2	12	1	1800 1805	574434N282116E 574855N282257E	171322ZMAY06 171323ZMAY06	0C
2	14	1	1493 1511	580925N301425E 580748N302514E	171340ZMAY06 171341ZMAY06	0C
2	15	1	1493 1500	581211N304116E 581413N304606E	171344ZMAY06 171344ZMAY06	0C
2	16	1	1492 1506	582814N311308E 583916N312404E	171349ZMAY06 171352ZMAY06	0C
2	18	1	1494 1507	584032N294949E 584758N294827E	171407ZMAY06 171409ZMAY06	0C
2	19	1	1488 1507	591833N300004E 592346N300240E	171416ZMAY06 171417ZMAY06	0C
2	19	2	1496 1496	592416N300254E 592416N300254E	171417ZMAY06 171417ZMAY06	0C
2	22	1	1485 1496	602705N290842E 602722N290103E	171437ZMAY06 171438ZMAY06	0C
2	22	2	1491 1495	602750N284723E 602803N284053E	171440ZMAY06 171440ZMAY06	0C
2	23	1	1487 1498	603947N290824E 604147N291335E	171446ZMAY06 171447ZMAY06	0C
2	24	1	1486 1495	604321N295531E 604257N301059E	171452ZMAY06 171454ZMAY06	0C
2	26	1	1491 1498	601414N302024E 600223N301322E	171501ZMAY06 171504ZMAY06	0C
2	26	2	1493 1493	600150N301302E 600150N301302E	171504ZMAY06 171504ZMAY06	0C
2	27	1	1494 1500	595446N301241E 594138N302000E	171506ZMAY06 171509ZMAY06	0C

(9) SENSOR USED: SEGMENT 3 PG-OF_-L3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
3	2	1	2024 2027	594125N301903E 594658N300154E	190714ZMAY06 190716ZMAY06	1O
3	3	1	2023 2027	595038N295756E 595320N301551E	190721ZMAY06 190723ZMAY06	1O
3	4	1	2021 2023	595657N301950E 601239N300747E	190728ZMAY06 190732ZMAY06	1O
3	5	1	2033 2037	603318N315914E 603440N321208E	190747ZMAY06 190749ZMAY06	0C
3	5	2	2042	604216N332740E	190759ZMAY06	0C

			2049	604338N334217E	190801ZMAY06	
3	6	1	2044 2054	605131N341050E 605432N341934E	190805ZMAY06 190806ZMAY06	0C
3	6	2	2051 2051	605456N342042E 605456N342042E	190806ZMAY06 190806ZMAY06	0C
3	6	3	2054 2056	611614N352348E 611933N353350E	190815ZMAY06 190817ZMAY06	0C
3	6	4	2047 2051	620647N380607E 620951N381640E	190838ZMAY06 190839ZMAY06	1S
3	6	5	2039 2053	623236N393709E 624535N402523E	190850ZMAY06 190856ZMAY06	1S
3	8	1	2044 2050	624221N403348E 624334N401134E	190903ZMAY06 190906ZMAY06	1B
3	9	1	2050 2054	621550N401349E 621212N401512E	190915ZMAY06 190915ZMAY06	1S
3	9	2	2063 2067	600221N410102E 595758N410228E	190949ZMAY06 190950ZMAY06	1B
3	10	1	2083 2085	575452N411655E 575159N411510E	191022ZMAY06 191023ZMAY06	1B
3	11	1	2086 2089	574658N410735E 574617N403359E	191028ZMAY06 191033ZMAY06	0C
3	12	1	2088 2090	573705N400115E 573257N394932E	191038ZMAY06 191040ZMAY06	0C
3	14	1	2088 2097	570416N410143E 565019N402711E	191057ZMAY06 191103ZMAY06	0C
3	15	1	2093 2101	564820N401327E 564837N400635E	191106ZMAY06 191107ZMAY06	0C
3	16	1	2085 2099	565428N401649E 565812N402518E	191110ZMAY06 191112ZMAY06	0C
3	17	1	2081 2101	565927N403327E 564137N402539E	191118ZMAY06 191122ZMAY06	0C
3	18	1	2091 2096	563426N400940E 563253N400312E	191125ZMAY06 191126ZMAY06	0C
3	19	1	2089 2103	561135N385423E 560747N384541E	191137ZMAY06 191139ZMAY06	0C
3	20	1	2084 2092	555358N381021E 555222N375956E	191145ZMAY06 191147ZMAY06	0C
3	21	1	2087 2096	554631N375320E 553722N375156E	191149ZMAY06 191151ZMAY06	0C
3	22	1	2084 2100	553425N380027E 553611N382003E	191153ZMAY06 191156ZMAY06	0C

3	23	1	2089 2094	553254N382749E 552726N382751E	191157ZMAY06 191159ZMAY06	0C
3	24	1	2087 2097	552539N381628E 552654N374226E	191201ZMAY06 191206ZMAY06	0C
3	25	1	2085 2091	552927N373137E 554306N370642E	191207ZMAY06 191212ZMAY06	0C
3	26	1	2079 2096	553953N370039E 553029N365604E	191215ZMAY06 191217ZMAY06	0C
3	27	1	2085 2094	551433N364433E 551006N363407E	191222ZMAY06 191224ZMAY06	0C
3	28	1	2078 2090	552018N363958E 552959N364646E	191228ZMAY06 191231ZMAY06	0C

(10) SENSOR USED: SEGMENT 3 PG-OF_-V3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
3	2	1	2024 2027	594125N301903E 594658N300154E	190714ZMAY06 190716ZMAY06	1O
3	3	1	2023 2027	595038N295756E 595320N301551E	190721ZMAY06 190723ZMAY06	1O
3	4	1	2021 2023	595657N301950E 601239N300747E	190728ZMAY06 190732ZMAY06	1O
3	5	1	2033 2037	603318N315914E 603440N321208E	190747ZMAY06 190749ZMAY06	0C
3	5	2	2042 2049	604216N332740E 604338N334217E	190759ZMAY06 190801ZMAY06	0C
3	6	1	2044 2054	605131N341050E 605432N341934E	190805ZMAY06 190806ZMAY06	0C
3	6	2	2051 2051	605456N342042E 605456N342042E	190806ZMAY06 190806ZMAY06	0C
3	6	3	2054 2056	611614N352348E 611933N353350E	190815ZMAY06 190817ZMAY06	0C
3	6	4	2047 2051	620647N380607E 620951N381640E	190838ZMAY06 190839ZMAY06	1S
3	6	5	2039 2053	623236N393709E 624535N402523E	190850ZMAY06 190856ZMAY06	1S
3	8	1	2044 2050	624221N403348E 624334N401134E	190903ZMAY06 190906ZMAY06	1B
3	9	1	2050 2054	621550N401349E 621212N401512E	190915ZMAY06 190915ZMAY06	1S
3	9	2	2063 2067	600221N410102E 595758N410228E	190949ZMAY06 190950ZMAY06	1B

3	10	1	2083 2085	575452N411655E 575159N411510E	191022ZMAY06 191023ZMAY06	1B
3	11	1	2086 2089	574658N410735E 574617N403359E	191028ZMAY06 191033ZMAY06	0C
3	12	1	2088 2090	573705N400115E 573257N394932E	191038ZMAY06 191040ZMAY06	0C
3	14	1	2088 2097	570416N410143E 565019N402711E	191057ZMAY06 191103ZMAY06	0C
3	15	1	2093 2101	564820N401327E 564837N400635E	191106ZMAY06 191107ZMAY06	0C
3	16	1	2085 2099	565428N401649E 565812N402518E	191110ZMAY06 191112ZMAY06	0C
3	17	1	2081 2101	565927N403327E 564137N402539E	191118ZMAY06 191122ZMAY06	0C
3	18	1	2091 2096	563426N400940E 563253N400312E	191125ZMAY06 191126ZMAY06	0C
3	19	1	2089 2103	561135N385423E 560747N384541E	191137ZMAY06 191139ZMAY06	0C
3	20	1	2084 2092	555358N381021E 555222N375956E	191145ZMAY06 191147ZMAY06	0C
3	21	1	2087 2096	554631N375320E 553722N375156E	191149ZMAY06 191151ZMAY06	0C
3	22	1	2084 2100	553425N380027E 553611N382003E	191153ZMAY06 191156ZMAY06	0C
3	23	1	2089 2094	553254N382749E 552726N382751E	191157ZMAY06 191159ZMAY06	0C
3	24	1	2087 2097	552539N381628E 552654N374226E	191201ZMAY06 191206ZMAY06	0C
3	25	1	2085 2091	552927N373137E 554306N370642E	191207ZMAY06 191212ZMAY06	0C
3	26	1	2079 2096	553953N370039E 553029N365604E	191215ZMAY06 191217ZMAY06	0C
3	27	1	2085 2094	551433N364433E 551006N363407E	191222ZMAY06 191224ZMAY06	0C
3	28	1	2078 2090	552018N363958E 552959N364646E	191228ZMAY06 191231ZMAY06	0C

(11) SENSOR USED: SEGMENT 3 PG-OF_-R3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
3	18	1	2094	563426N400940E	191125ZMAY06	0C

2094

563426N400940E

191125ZMAY06

(12) SENSOR USED: SEGMENT 3 PG-TVFI-T1

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
3	2	1	2024 2027	594125N301903E 594658N300154E	190714ZMAY06 190716ZMAY06	1O
3	3	1	2023 2027	595038N295756E 595320N301551E	190721ZMAY06 190723ZMAY06	1O
3	4	1	2021 2023	595657N301950E 601239N300747E	190728ZMAY06 190732ZMAY06	1O
3	5	1	2033 2037	603318N315914E 603440N321208E	190747ZMAY06 190749ZMAY06	0C
3	5	2	2042 2049	604216N332740E 604338N334217E	190759ZMAY06 190801ZMAY06	0C
3	6	1	2044 2054	605131N341050E 605432N341934E	190805ZMAY06 190806ZMAY06	0C
3	6	2	2051 2051	605456N342042E 605456N342042E	190806ZMAY06 190806ZMAY06	0C
3	6	3	2054 2056	611614N352348E 611933N353350E	190815ZMAY06 190817ZMAY06	0C
3	6	4	2047 2051	620647N380607E 620951N381640E	190838ZMAY06 190839ZMAY06	1S
3	6	5	2039 2053	623236N393709E 624535N402523E	190850ZMAY06 190856ZMAY06	1S
3	8	1	2044 2050	624221N403348E 624334N401134E	190903ZMAY06 190906ZMAY06	1B
3	9	1	2050 2054	621550N401349E 621212N401512E	190915ZMAY06 190915ZMAY06	1S
3	9	2	2063 2067	600221N410102E 595758N410228E	190949ZMAY06 190950ZMAY06	1B
3	10	1	2083 2085	575452N411655E 575159N411510E	191022ZMAY06 191023ZMAY06	1B
3	11	1	2086 2089	574658N410735E 574617N403359E	191028ZMAY06 191033ZMAY06	0C
3	12	1	2088 2090	573705N400115E 573257N394932E	191038ZMAY06 191040ZMAY06	0C
3	14	1	2088 2097	570416N410143E 565019N402711E	191057ZMAY06 191103ZMAY06	0C
3	15	1	2093 2101	564820N401327E 564837N400635E	191106ZMAY06 191107ZMAY06	0C

3	16	1	2085 2099	565428N401649E 565812N402518E	191110ZMAY06 0C 191112ZMAY06
3	17	1	2081 2101	565927N403327E 564137N402539E	191118ZMAY06 0C 191122ZMAY06
3	18	1	2091 2096	563426N400940E 563253N400312E	191125ZMAY06 0C 191126ZMAY06
3	19	1	2089 2103	561135N385423E 560747N384541E	191137ZMAY06 0C 191139ZMAY06
3	20	1	2084 2092	555358N381021E 555222N375956E	191145ZMAY06 0C 191147ZMAY06
3	21	1	2087 2096	554631N375320E 553722N375156E	191149ZMAY06 0C 191151ZMAY06
3	22	1	2084 2100	553425N380027E 553611N382003E	191153ZMAY06 0C 191156ZMAY06
3	23	1	2089 2094	553254N382749E 552726N382751E	191157ZMAY06 0C 191159ZMAY06
3	24	1	2087 2097	552539N381628E 552654N374226E	191201ZMAY06 0C 191206ZMAY06
3	25	1	2085 2091	552927N373137E 554306N370642E	191207ZMAY06 0C 191212ZMAY06
3	26	1	2079 2096	553953N370039E 553029N365604E	191215ZMAY06 0C 191217ZMAY06
3	27	1	2085 2094	551433N364433E 551006N363407E	191222ZMAY06 0C 191224ZMAY06
3	28	1	2078 2090	552018N363958E 552959N364646E	191228ZMAY06 0C 191231ZMAY06

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE:
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

PRE-FLIGHT INSPECTION: OK
FILM PROCESSED BY: CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJ PRESTON**

H. NAME OF CHIEF FLIGHT MONITOR: RUSSIAN FEDERATION, REPUBLIC OF BELARUS,

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: 192130ZMAY06

6. REMARKS:

A. THE OBSERVING PARTY WAS INFORMED ON ARRIVAL AT THE POE, OF A CHANGE IN THE REFUELLING AIRFIELD FROM PUSHKIN (ULLP) TO LEVASHOVO (XLLV)

B. DUE TO DISCUSSIONS ONGOING IN THE OPEN SKIES CONSULTATIVE COMMISSION, THE OBSERVING PARTY COMPLIED WITH A REQUEST BY THE OBSERVED PARTY TO INCREASE THE ALTITUDE OVER MINSK FROM THE SUBMITTED 1,850M TO 3,050M.

C. IN SEGMENT ONE, LEG 11 AT 170713ZMAY06, SENSORS:

PG-OF__-L6, PG-OF__-V6 AND PG-OF__-R6 FAILED TO OPERATE.

D. IN SEGMENT ONE, LEG 16 AT 170813ZMAY06 AND LEG 17 AT 170818ZMAY06 SENSOR: PG-OF__-V6 FAILED TO OPERATE.

E. IN SEGMENT ONE, LEG 20 WAS INITIATED AT 170832ZMAY06 AND SENSOR PG-OF__-V6 RESUMED NORMAL OPERATION AT 170833ZMAY06.

F. IN SEGMENT TWO, LEG 13 AT 171330ZMAY06, SENSOR PG-TVFI-T1 WAS NOT TURNED ON.

G. IN SEGMENT THREE, LEG 18 SENSOR PG-OF__-R3 WAS TESTED AND FAILED TO OPERATE AFTER ONE FRAME WAS TAKEN.

H. CANADA THANKS AUTHORITIES FOR FACILITATING THE PLANNING OF THIS MISSION.

I. CANADA SINCERELY THANKS THE TEAM FROM THE RUSSIAN FEDERATION/REPUBLIC OF BELARUS FOR THEIR EXCELLENT COOPERATION, PROFESSIONALISM AND HOSPITALITY.

7. END OF OS MESSAGE NUMBER: OS/CA/06/0026/F14/O

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO:

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/05/0034/F14/O
2. OS MESSAGE DATE AND TIME: 241600ZMAY05
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/05/0026/F12/O
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS-5-136
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 151000ZMAY05
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C-130H

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: KUBINKA
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES: 553642N, 363900E
 - (b) DATE AND TIME OF TAKEOFF: 170356ZMAY05
 - (c) LEGS OF THIS SEGMENT:
 - 1, 552951N374123E
 - 2, 560220N403636E
 - 3, 561648N421832E
 - 4, 560823N424028E
 - 5, 561908N425112E
 - 6, 561416N433316E
 - 7, 562400N440020E

8, 563536N483607E
9, 555328N484442E
10, 554943N493004E
11, 560602N485515E
12, 553230N492020E
13, 575500N560136E

(d) LANDING AIRFIELD: **PERM**

(i) ICAO DESIGNATOR: **USPP**

(ii) GEOGRAPHIC CO-ORDINATES:
575500N, 560136E

(e) DATE AND TIME OF LANDING: **170738ZMAY05**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **PERM**

(i) ICAO DESIGNATOR: **USPP**

(ii) GEOGRAPHIC CO-ORDINATES:
575500N, 560136E

(b) DATE AND TIME OF TAKEOFF: **170915ZMAY05**

(c) LEGS OF THIS SEGMENT:

1, 580202N562410E
2, 573658N561656E
3, 575110N594732E
4, 580753N604123E
5, 580513N600630E
6, 581459N604958E
7, 571503N651320E
8, 564708N654835E
9, 550536N721934E
10, 550042N823900E

(d) LANDING AIRFIELD: **NOVOSIBIRSK**

(i) ICAO DESIGNATOR: **UNNT**

(ii) GEOGRAPHIC CO-ORDINATES:
550042N, 823900E

(e) DATE AND TIME OF LANDING: **171344ZMAY05**

(3) FLIGHT SEGMENT NUMBER: **3**

(a) DEPARTURE AIRFIELD: **NOVOSIBIRSK**

(i) ICAO DESIGNATOR: **UNNT**

(ii) GEOGRAPHIC CO-ORDINATES:
550042N, 823900E

(b) DATE AND TIME OF TAKEOFF: **180458ZMAY05**

(c) LEGS OF THIS SEGMENT:

1, 550613N831142E
2, 545409N830237E

3, 552556N825333E
 4, 551520N830615E
 5, 552458N831649E
 6, 551218N843143E
 7, 554407N895906E
 8, 561539N922637E
 9, 561752N950818E
 10, 562451N953452E
 11, 563754N955738E
 12, 563224N962511E
 13, 562143N953810E
 14, 560231N953959E
 15, 561514N960325E
 16, 555448N960841E
 17, 560211N921841E
 18, 551355N895648E
 19, 552822N890711E
 20, 542647N832904E
 21, 550042N823900E

(d) LANDING AIRFIELD: NOVOSIBIRSK

(i) ICAO DESIGNATOR: UNNT

(ii) GEOGRAPHIC CO-ORDINATES:
 550042N, 823900E

(e) DATE AND TIME OF LANDING: 181009ZMAY05

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 5491

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF__-L3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	2265 2360	553632N364031E 553036N373458E	170403ZMAY05 170410ZMAY05	0C
1	2	1	2325 2400	553231N375439E 553733N382019E	170413ZMAY05 170417ZMAY05	0C
1	2	2	2335 2405	555951N402158E 560133N403151E	170434ZMAY05 170436ZMAY05	0C
1	3	1	2345 2395	560846N412015E 561036N413314E	170443ZMAY05 170445ZMAY05	0C
1	3	2	2509 2509	561359N415732E 561608N421321E	170448ZMAY05 170450ZMAY05	0C
1	5	1	2510 2510	561051N424250E 561618N424816E	170459ZMAY05 170500ZMAY05	0C
1	6	1	2390 2425	561841N425524E 561501N432713E	170505ZMAY05 170510ZMAY05	0C
1	7	1	2420 2445	561607N433817E 562216N435520E	170512ZMAY05 170515ZMAY05	0C

1	8	1	2410 2508	563050N461111E 563110N461908E	170533ZMAY05 0C 170534ZMAY05
1	8	2	2365 2526	563414N474342E 563528N482827E	170546ZMAY05 1B 170552ZMAY05
1	10	1	2523 2531	555244N485512E 555010N492527E	170605ZMAY05 1O 170609ZMAY05
1	11	1	2527 2531	555105N492708E 555652N491448E	170614ZMAY05 1O 170616ZMAY05
1	12	1	2522 2525	555825N490106E 553503N491831E	170626ZMAY05 1O 170633ZMAY05
1	13	1	2365 2500	561020N505625E 562338N513145E	170648ZMAY05 1O 170653ZMAY05
1	13	2	2465 2465	565259N525300E 570005N531321E	170705ZMAY05 1B 170707ZMAY05
2	1	1	2385 2465	575406N555844E 575951N561705E	170923ZMAY05 0C 170925ZMAY05
2	2	1	2305 2440	575310N562136E 574032N561759E	170932ZMAY05 0C 170935ZMAY05
2	3	1	2290 2435	573729N562302E 573845N563850E	170942ZMAY05 0C 170943ZMAY05
2	4	1	2285 2360	575244N595227E 580644N603731E	171007ZMAY04 0C 171012ZMAY05
2	5	1	2335 2415	580744N603938E 580526N600933E	171018ZMAY05 0C 171022ZMAY05
2	6	1	2310 2440	580528N600731E 581354N604457E	171027ZMAY05 0C 171032ZMAY05
2	8	1	2475 2520	571154N651723E 570420N652702E	171111ZMAY05 0B 171113ZMAY05
2	8	2	2520 2545	565245N654137E 564729N654812E	171117ZMAY05 0B 171118ZMAY05
2	10	1	2450 2520	550544N722308E 550800N734200E	171214ZMAY05 0B 171225ZMAY05
3	1	1	2520 2520	550058N824024E 550525N830639E	180506ZMAY05 0C 180510ZMAY05
3	3	1	2325 2518	545725N830140E 552437N825353E	180522ZMAY05 0C 180529ZMAY05
3	4	1	2395 2520	552424N825523E 551726N830346E	180533ZMAY05 0C 180535ZMAY05
3	5	1	2390 2420	551652N830746E 552412N831553E	180539ZMAY05 0C 180541ZMAY05
3	6	1	2390	551514N841500E	180550ZMAY05 0C

			2415	551329N842505E	180552ZMAY05	
3	7	1	2810 2810	551907N852950E 552406N861525E	180601ZMAY05 180608ZMAY05	0B
3	7	2	2330 2630	553435N880227E 553532N881301E	180623ZMAY05 180624ZMAY05	0B
3	7	3	2400 2600	553734N883629E 554038N891316E	180627ZMAY05 180632ZMAY05	0B
3	7	4	2480 2515	554222N893520E 554244N894007E	180635ZMAY05 180636ZMAY05	0B
3	8	1	2485 2570	554508N900337E 554711N901231E	180639ZMAY05 180640ZMAY05	0B
3	8	2	2773 2780	561258N921306E 561512N922412E	180656ZMAY05 180658ZMAY05	0B
3	9	1	2575 2695	561633N930541E 561720N935355E	180703ZMAY05 180710ZMAY05	0B
3	10	1	2175 2240	561914N951328E 562405N953145E	180720ZMAY05 180722ZMAY05	0B
3	12	1	2160 2485	563647N960322E 563315N962102E	180728ZMAY05 180730ZMAY05	0B
3	14	1	2415 2452	561922N953842E 560543N953946E	180740ZMAY05 180743ZMAY05	0F
3	16	1	2160 2245	561310N960357E 555903N960740E	180753ZMAY05 180756ZMAY05	0F
3	17	1	2350 2895	555747N945807E 555856N942620E	180809ZMAY05 180813ZMAY05	1F
3	17	2	3050 3050	560055N931806E 560156N923054E	180823ZMAY05 180830ZMAY05	1S
3	19	1	2415 2790	551458N895258E 552739N890936E	180856ZMAY05 180903ZMAY05	0S
3	20	1	2439 3079	545552N855613E 544549N850321E	180929ZMAY05 180937ZMAY05	0S
3	21	1	2345 2450	543014N832353E 545900N824125E	180952ZMAY05 181002ZMAY05	0S

(2) SENSOR USED: PG-OF__-V3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	2265 2360	553632N364031E 553036N373458E	170403ZMAY05 170410ZMAY05	0C
1	2	1	2325 2400	553231N375439E 553733N382019E	170413ZMAY05 170417ZMAY05	0C

1	2	2	2335 2405	555951N402158E 560133N403151E	170434ZMAY05 170436ZMAY05	0C
1	3	1	2345 2395	560846N412015E 561036N413314E	170443ZMAY05 170445ZMAY05	0C
1	3	2	2509 2509	561359N415732E 561608N421321E	170448ZMAY05 170450ZMAY05	0C
1	5	1	2510 2510	561051N424250E 561618N424816E	170459ZMAY05 170500ZMAY05	0C
1	6	1	2390 2425	561841N425524E 561501N432713E	170505ZMAY05 170510ZMAY05	0C
1	7	1	2420 2445	561607N433817E 562216N435520E	170512ZMAY05 170515ZMAY05	0C
1	8	1	2410 2508	563050N461111E 563110N461908E	170533ZMAY05 170534ZMAY05	0C
1	8	2	2365 2526	563414N474342E 563528N482827E	170546ZMAY05 170552ZMAY05	1B
1	10	1	2523 2531	555244N485512E 555010N492527E	170605ZMAY05 170609ZMAY05	1O
1	11	1	2527 2531	555105N492708E 555652N491448E	170614ZMAY05 170616ZMAY05	1O
1	12	1	2522 2525	555825N490106E 553503N491831E	170626ZMAY05 170633ZMAY05	1O
1	13	1	2365 2500	561020N505625E 562338N513145E	170648ZMAY05 170653ZMAY05	1O
1	13	2	2465 2465	565259N525300E 570005N531321E	170705ZMAY05 170707ZMAY05	1B
2	1	1	2385 2465	575951N561705E 575310N562136E	170923ZMAY05 170925ZMAY05	0C
2	2	1	2305 2440	574032N561759E 573729N562302E	170932ZMAY05 170935ZMAY05	0C
2	3	1	2290 2435	573845N563850E 575244N595227E	170942ZMAY05 170943ZMAY05	0C
2	4	1	2285 2360	580644N603731E 580744N603938E	171007ZMAY05 171012ZMAY05	0C
2	5	1	2335 2415	580526N600933E 580526N600933E	171018ZMAY05 171022ZMAY05	0C
2	6	1	2310 2440	580528N600731E 581354N604457E	171027ZMAY05 171032ZMAY05	0C
2	8	1	2475 2520	571154N651723E 570420N652702E	171111ZMAY05 171113ZMAY05	0B
2	8	2	2520 2545	565245N654137E 564729N654812E	171117ZMAY05 171118ZMAY05	0B

2	10	1	2450 2520	550544N722308E 550800N734200E	171214ZMAY05 0B 171225ZMAY05
3	1	1	2520 2520	550058N824024E 550525N830639E	180506ZMAY05 0C 180510ZMAY05
3	3	1	2325 2518	545725N830140E 552437N825353E	180522ZMAY05 0C 180529ZMAY05
3	4	1	2395 2520	552424N825523E 551726N830346E	180533ZMAY05 0C 180535ZMAY05
3	5	1	2390 2420	551652N830746E 552412N831553E	180539ZMAY05 0C 180541ZMAY05
3	6	1	2390 2415	551514N841500E 551329N842505E	180550ZMAY05 0C 180552ZMAY05
3	7	1	2810 2810	551907N852950E 552406N861525E	180601ZMAY05 0B 180608ZMAY05
3	7	2	2330 2630	553435N880227E 553532N881301E	180623ZMAY05 0B 180624ZMAY05
3	7	3	2400 2600	553734N883629E 554038N891316E	180627ZMAY05 0B 180632ZMAY05
3	7	4	2480 2515	554222N893520E 554244N894007E	180635ZMAY05 0B 180636ZMAY05
3	8	1	2485 2570	554508N900337E 554711N901231E	180639ZMAY05 0B 180640ZMAY05
3	8	2	2773 2780	561258N921306E 561512N922412E	180656ZMAY05 0B 180658ZMAY05
3	9	1	2575 2695	561633N930541E 561720N935355E	180703ZMAY05 0B 180710ZMAY05
3	10	1	2175 2240	561914N951328E 562405N953145E	180720ZMAY05 0B 180722ZMAY05
3	12	1	2160 2485	563647N960322E 563315N962102E	180728ZMAY05 0B 180730ZMAY05
3	14	1	2415 2452	561922N953842E 560543N953946E	180740ZMAY05 0F 180743ZMAY05
3	16	1	2160 2245	561310N960357E 555903N960740E	180753ZMAY05 0F 180756ZMAY05
3	17	1	2350 2895	555747N945807E 555856N942620E	180809ZMAY05 1F 180813ZMAY05
3	17	2	3050 3050	560055N931806E 560156N923054E	180823ZMAY05 1S 180830ZMAY05
3	19	1	2415 2790	551458N895258E 552739N890936E	180856ZMAY05 0S 180903ZMAY05
3	20	1	2439	545552N855613E	180929ZMAY05 0S

			3079	544549N850321E	180937ZMAY05	
3	21	1	2345	543014N832353E	180952ZMAY05	0S
			2450	545900N824125E	181002ZMAY05	

(3) SENSOR USED: PG-OF__-R3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	2265 2360	553632N364031E 553036N373458E	170403ZMAY05 170410ZMAY05	0C
1	2	1	2325 2400	553231N375439E 553733N382019E	170413ZMAY05 170417ZMAY05	0C
1	2	2	2335 2405	555951N402158E 560133N403151E	170434ZMAY05 170436ZMAY05	0C
1	3	1	2345 2395	560846N412015E 561036N413314E	170443ZMAY05 170445ZMAY05	0C
1	3	2	2509 2509	561359N415732E 561608N421321E	170448ZMAY05 170450ZMAY05	0C
1	5	1	2510 2510	561051N424250E 561618N424816E	170459ZMAY05 170500ZMAY05	0C
1	6	1	2390 2425	561841N425524E 561501N432713E	170505ZMAY05 170510ZMAY05	0C
1	7	1	2420 2445	561607N433817E 562216N435520E	170512ZMAY05 170515ZMAY05	0C
1	8	1	2410 2508	563050N461111E 563110N461908E	170533ZMAY05 170534ZMAY05	0C
1	8	2	2365 2526	563414N474342E 563528N482827E	170546ZMAY05 170552ZMAY05	1B
1	10	1	2523 2531	555244N485512E 555010N492527E	170605ZMAY05 170609ZMAY05	1O
1	11	1	2527 2531	555105N492708E 555652N491448E	170614ZMAY05 170616ZMAY05	1O
1	12	1	2522 2525	555825N490106E 553503N491831E	170626ZMAY05 170633ZMAY05	1O
1	13	1	2365 2500	561020N505625E 562338N513145E	170648ZMAY05 170653ZMAY05	1O
1	13	2	2465 2465	565259N525300E 570005N531321E	170705ZMAY05 170707ZMAY05	1B
2	1	1	2385 2465	575406N555844E 575951N561705E	170923ZMAY05 170925ZMAY05	0C
2	2	1	2305 2440	575310N562136E 574032N561759E	170932ZMAY05 170935ZMAY05	0C

2	3	1	2290 2435	573729N562302E 573845N563850E	170942ZMAY05 0C 170943ZMAY05
2	4	1	2285 2360	575244N595227E 580644N603731E	171007ZMAY05 0C 171012ZMAY05
2	5	1	2335 2415	580744N603938E 580526N600933E	171018ZMAY05 0C 171022ZMAY05
2	6	1	2310 2440	580528N600731E 581354N604457E	171027ZMAY05 0C 171032ZMAY05
2	8	1	2475 2520	571154N651723E 570420N652702E	171111ZMAY05 0B 171113ZMAY05
2	8	2	2520 2545	565245N654137E 564729N654812E	171117ZMAY05 0B 171118ZMAY05
2	10	1	2450 2520	550544N722308E 550800N734200E	171214ZMAY05 0B 171225ZMAY05
3	1	1	2520 2520	550058N824024E 550525N830639E	180506ZMAY05 0C 180510ZMAY05
3	3	1	2325 2518	545725N830140E 552437N825353E	180522ZMAY05 0C 180529ZMAY05
3	4	1	2395 2520	552424N825523E 551726N830346E	180533ZMAY05 0C 180535ZMAY05
3	5	1	2390 2420	551652N830746E 552412N831553E	180539ZMAY05 0C 180541ZMAY05
3	6	1	2390 2415	551514N841500E 551329N842505E	180550ZMAY05 0C 180552ZMAY05
3	7	1	2810 2810	551907N852950E 552406N861525E	180601ZMAY05 0B 180608ZMAY05
3	7	2	2330 2630	553435N880227E 553532N881301E	180623ZMAY05 0B 180624ZMAY05
3	7	3	2400 2600	553734N883629E 554038N891316E	180627ZMAY05 0B 180632ZMAY05
3	7	4	2480 2515	554222N893520E 554244N894007E	180635ZMAY05 0B 180636ZMAY05
3	8	1	2485 2570	554508N900337E 554711N901231E	180639ZMAY05 0B 180640ZMAY05
3	8	2	2773 2780	561258N921306E 561512N922412E	180656ZMAY05 0B 180658ZMAY05
3	9	1	2575 2695	561633N930541E 561720N935355E	180703ZMAY05 0B 180710ZMAY05
3	10	1	2175 2240	561914N951328E 562405N953145E	180720ZMAY05 0B 180722ZMAY05
3	12	1	2160 2485	563647N960322E 563315N962102E	180728ZMAY05 0B 180730ZMAY05

3	14	1	2415 2452	561922N953842E 560543N953946E	180740ZMAY05 180743ZMAY05	0F
3	16	1	2160 2245	561310N960357E 555903N960740E	180753ZMAY05 180756ZMAY05	0F
3	17	1	2350 2895	555747N945807E 555856N942620E	180809ZMAY05 180813ZMAY05	1F
3	17	2	3050 3050	560055N931806E 560156N923054E	180823ZMAY05 180830ZMAY05	1S
3	19	1	2415 2790	551458N895258E 552739N890936E	180856ZMAY05 180903ZMAY05	0S
3	20	1	2439 3079	545552N855613E 544549N850321E	180929ZMAY05 180937ZMAY05	0S
3	21	1	2345 2450	543014N832353E 545900N824125E	180952ZMAY05 181002ZMAY05	0S

(4) SENSOR USED: PG-OP__-P4

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
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(5) SENSOR USED: PG-TVFI-T1

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
1	1	1	2265 2360	553632N364031E 553036N373458E	170403ZMAY05 170410ZMAY05	0C
1	2	1	2325 2400	553231N375439E 553733N382019E	170413ZMAY05 170417ZMAY05	0C
1	2	2	2335 2405	555951N402158E 560133N403151E	170434ZMAY05 170436ZMAY05	0C
1	3	1	2345 2395	560846N412015E 561036N413314E	170443ZMAY05 170445ZMAY05	0C
1	3	2	2509 2509	561359N415732E 561608N421321E	170448ZMAY05 170450ZMAY05	0C
1	5	1	2510 2510	561051N424250E 561618N424816E	170459ZMAY05 170500ZMAY05	0C
1	6	1	2390 2425	561841N425524E 561501N432713E	170505ZMAY05 170510ZMAY05	0C
1	7	1	2420 2445	561607N433817E 562216N435520E	170512ZMAY05 170515ZMAY05	0C
1	8	1	2410 2508	563050N461111E 563110N461908E	170533ZMAY05 170534ZMAY05	0C
1	8	2	2365	563414N474342E	170546ZMAY05	1B

			2526	563528N482827E	170552ZMAY05	
1	10	1	2523 2531	555244N485512E 555010N492527E	170605ZMAY05 170609ZMAY05	1O
1	11	1	2527 2531	555105N492708E 555652N491448E	170614ZMAY05 170616ZMAY05	1O
1	12	1	2522 2525	555825N490106E 553503N491831E	170626ZMAY05 170633ZMAY05	1O
1	13	1	2365 2500	561020N505625E 562338N513145E	170648ZMAY05 170653ZMAY05	1O
1	13	2	2465 2465	565259N525300E 570005N531321E	170705ZMAY05 170707ZMAY05	1B
2	1	1	2385 2465	575406N555844E 575951N561705E	170923ZMAY05 170925ZMAY05	0C
2	2	1	2305 2440	575310N562136E 574032N561759E	170932ZMAY05 170935ZMAY05	0C
2	3	1	2290 2435	573729N562302E 573845N563850E	170942ZMAY05 170943ZMAY05	0C
2	4	1	2285 2360	575244N595227E 580644N603731E	171007ZMAY05 171012ZMAY05	0C
2	5	1	2335 2415	580744N603938E 580526N600933E	171018ZMAY05 171022ZMAY05	0C
2	6	1	2310 2440	580528N600731E 581354N604457E	171027ZMAY05 171032ZMAY05	0C
2	8	1	2475 2520	571154N651723E 570420N652702E	171111ZMAY05 171113ZMAY05	0B
2	8	2	2520 2545	565245N654137E 564729N654812E	171117ZMAY05 171118ZMAY05	0B
2	10	1	2450 2520	550544N722308E 550800N734200E	171214ZMAY05 171225ZMAY05	0B
3	1	1	2520 2520	550058N824024E 550525N830639E	180506ZMAY05 180510ZMAY05	0C
3	3	1	2325 2518	545725N830140E 552437N825353E	180522ZMAY05 180529ZMAY05	0C
3	4	1	2395 2520	552424N825523E 551726N830346E	180533ZMAY05 180535ZMAY05	0C
3	5	1	2390 2420	551652N830746E 552412N831553E	180539ZMAY05 180541ZMAY05	0C
3	6	1	2390 2415	551514N841500E 551329N842505E	180550ZMAY05 180552ZMAY05	0C
3	7	1	2810 2810	551907N852950E 552406N861525E	180601ZMAY05 180608ZMAY05	0B

3	7	2	2330 2630	553435N880227E 553532N881301E	180623ZMAY05 180624ZMAY05	0B
3	7	3	2400 2600	553734N883629E 554038N891316E	180627ZMAY05 180632ZMAY05	0B
3	7	4	2480 2515	554222N893520E 554244N894007E	180635ZMAY05 180636ZMAY05	0B
3	8	1	2485 2570	554508N900337E 554711N901231E	180639ZMAY05 180640ZMAY05	0B
3	8	2	2773 2780	561258N921306E 561512N922412E	180656ZMAY05 180658ZMAY05	0B
3	9	1	2575 2695	561633N930541E 561720N935355E	180703ZMAY05 180710ZMAY05	0B
3	10	1	2175 2240	561914N951328E 562405N953145E	180720ZMAY05 180722ZMAY05	0B
3	12	1	2160 2485	563647N960322E 563315N962102E	180728ZMAY05 180730ZMAY05	0B
3	14	1	2415 2452	561922N953842E 560543N953946E	180740ZMAY05 180743ZMAY05	0F
3	16	1	2160 2245	561310N960357E 555903N960740E	180753ZMAY05 180756ZMAY05	0F
3	17	1	2350 2895	555747N945807E 555856N942620E	180809ZMAY05 180813ZMAY05	1F
3	17	2	3050 3050	560055N931806E 560156N923054E	180823ZMAY05 180830ZMAY05	1S
3	19	1	2415 2790	551458N895258E 552739N890936E	180856ZMAY05 180903ZMAY05	0S
3	20	1	2439 3079	545552N855613E 544549N850321E	180929ZMAY05 180937ZMAY05	0S
3	21	1	2345 2450	543014N832353E 545900N824125E	180952ZMAY05 181002ZMAY05	0S

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: YES
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: YES
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: YES

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

PREFLIGHT-INSPECTION: OK
FILM PROCESSED BY: CANADA

- G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJ STEEVE VEILLETTE**
- H. NAME OF CHIEF FLIGHT MONITOR:
- I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **191700ZMAY05**
6. REMARKS:
The return flight from UNNT to UUMB was flown as a Transit Flight with sensor covers installed.
- 6. A. OBSERVING PARTY REMARKS:**
- The Observing Team praises the tireless efforts and hard work of the Russian Federation Team, which made this observation mission a great success. The Russian Team's flexibility and continuous cooperation in all aspects of this mission were instrumental to the positive outcome of this very demanding mission. Canada would like to extend its sincere thanks and appreciation to the Russian Team for a mission that was conducted in the spirit of the Open Skies Treaty.**
- 6. B. OBSERVED PARTY REMARKS:**
- The Russian Escort Team would like to thank the Canadian side for the flexibility of the Canadian Team during Mission Plan coordination and for the correct fulfillment of the ATC.**
7. END OF OS MESSAGE NUMBER: **OS/CA/05/0034/F14/O**

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO:

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: OS/CA/04/0051/F14/O
2. OS MESSAGE DATE AND TIME: 221600Z OCT04
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: OS/CA/04/0040/F12/C
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: CANADA
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: RUSSIAN FEDERATION
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: OS-4-138
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 111055Z OCT04
- (4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C-130H

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: Kubinka
 - (i) ICAO DESIGNATOR: UUMB
 - (ii) GEOGRAPHIC CO-ORDINATES: 553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: 140600Z OCT04
 - (c) LEGS OF THIS SEGMENT:
 - 01, 554842N0370254E
 - 02, 551854N0373230E
 - 03, 560406N0404306E
 - 04, 560818N0400612E
 - 05, 561830N0400530E
 - 06, 563512N0402224E
 - 07, 570200N0403600E

08, 565042N0405130E
09, 564048N0410518E
10, 561606N0424530E
11, 562112N0430748E
12, 563112N0435706E
13, 560700N0434342E
14, 553312N0435518E
15, 515012N0472124E
16, 513036N0461318E
17, 514318N0452742E
18, 515942N0444342E
19, 502224N0451606E
20, 500724N0451600E
21, 501348N0450548E
22, 501918N0452912E
23, 482642N0460300E
24, 483812N0444242E
25, 485142N0440948E
26, 473706N0423500E
27, 471642N0393812E

(d) LANDING AIRFIELD: **Rostov Na Don**

(i) ICAO DESIGNATOR: **XRRO**

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(e) DATE AND TIME OF LANDING: **141159ZOCT04**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **Rostov Na Don**

(i) ICAO DESIGNATOR: **XRRO**

(ii) GEOGRAPHIC CO-ORDINATES:
471642N, 0393812E

(b) DATE AND TIME OF TAKEOFF: **141330ZOCT04**

(c) LEGS OF THIS SEGMENT:

1, 485400N0404300E
2, 510000N0404300E
3, 553642N0363900E

(d) LANDING AIRFIELD: **Kubinka**

(i) ICAO DESIGNATOR: **UUMB**

(ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E

(e) DATE AND TIME OF LANDING: **141550ZOCT04**

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: **3515 Km**

D. OBSERVATION PERIODS

(1) SENSOR USED: **PG-OF_-R6 RIGHT**

MIN/MAX

SEG	LEG	OP	HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
01	03	01	6567 FT 6676 FT	553489N0383677E 553536N0384118E	140631ZOCT04 140632ZOCT04	10
01	03	02	6726 FT 6728 FT	553835N0385004E 553930N0385759E	140634ZOCT04 140635ZOCT04	10
01	04	01	6584 FT 6716 FT	560508N0403232E 560758N0401023E	140643ZOCT04 140648ZOCT04	10
01	07	01	6701 FT 6728 FT	563816N0402355E 565611N0403300E	140706ZOCT04 140711ZOCT04	10
01	09	01	6657 FT 6899 FT	564846N0405404E 564307N0410203E	140717ZOCT04 140719ZOCT04	1B
01	11	01	6451 FT 6627 FT	561718N0425040E 562000N0430235E	140734ZOCT04 140736ZOCT04	10
01	12	01	6501 FT 6577 FT	562310N0431708E 562452N0432537E	140738ZOCT04 140740ZOCT04	10
01	13	01	6589 FT 6920 FT	562328N0435246E 561109N0434558E	140744ZOCT04 140747ZOCT04	10
01	14	01	6742 FT 6743 FT	554648N0435040E 553658N0435401E	140753ZOCT04 140755ZOCT04	10
01	15	01	6775 FT 6832 FT	551938N0441159E 545625N0443345E	140800ZOCT04 140807ZOCT04	10
01	15	02	6414 FT 6802 FT	542927N0450156E 535930N0452811E	140814ZOCT04 140822ZOCT04	10
01	15	03	6367 FT 6765 FT	521210N0470400E 515602N0471608E	140830ZOCT04 140849ZOCT04	10
01	17	01	6489 FT 6540 FT	513139N0460931E 514040N0453711E	140903ZOCT04 140909ZOCT04	10
01	18	01	6378 FT 6854 FT	515129N0450551E 515614N0445303E	140914ZOCT04 140917ZOCT04	10
01	19	01	6687 FT 6706 FT	503504N0451159E 502510N0451511E	140939ZOCT04 140940ZOCT04	1B
01	19	02	6354 FT 6852 FT	502902N0451110E 502605N0451115E	140941ZOCT04 140941ZOCT04	1B
01	20	01	6311 FT 6508 FT	501942N0451603E 501003N0451811E	140943ZOCT04 140945ZOCT04	10
01	22	01	6459 FT 6956 FT	501515N0451059E 501753N0452342E	140956ZOCT04 140958ZOCT04	10
01	23	01	6276 FT 6672 FT	493628N0454220E 483104N0460143E	141010ZOCT04 141026ZOCT04	1B
01	24	01	6631 FT 6834 FT	482728N0455732E 483207N0452559E	141032ZOCT04 141037ZOCT04	1B

01	25	01	6364 FT 6465 FT	484106N0443541E 484924N0441526E	141046ZOCT04 141050ZOCT04	1B
01	26	01	6560 FT 6678 FT	484124N0435620E 482505N0433515E	141054ZOCT04 141058ZOCT04	1S
01	26	02	6729 FT 7002 FT	482656N0433735E 482446N0433428E	141059ZOCT04 141100ZOCT04	0C
01	27	01	6853 FT 6945 FT	473634N0423307E 473319N0415344E	141116ZOCT04 141122ZOCT04	0C

(2) SENSOR USED: PG-OF_-V6 Vertical

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
01	03	01	6567 FT 6676 FT	553489N0383677E 553536N0384118E	140631ZOCT04 140632ZOCT04	10
01	03	02	6726 FT 6728 FT	553835N0385004E 553930N0385759E	140634ZOCT04 140635ZOCT04	10
01	04	01	6584 FT 6716 FT	560508N0403232E 560758N0401023E	140643ZOCT04 140648ZOCT04	10
01	07	01	6701 FT 6728 FT	563816N0402355E 565611N0403300E	140706ZOCT04 140711ZOCT04	10
01	09	01	6657 FT 6899 FT	564846N0405404E 564307N0410203E	140717ZOCT04 140719ZOCT04	1B
01	11	01	6451 FT 6627 FT	561718N0425040E 562000N0430235E	140734ZOCT04 140736ZOCT04	10
01	12	01	6501 FT 6577 FT	562310N0431708E 562452N0432537E	140738ZOCT04 140740ZOCT04	10
01	13	01	6589 FT 6920 FT	562328N0435246E 561109N0434558E	140744ZOCT04 140747ZOCT04	10
01	14	01	6742 FT 6743 FT	554648N0435040E 553658N0435401E	140753ZOCT04 140755ZOCT04	10
01	15	01	6775 FT 6832 FT	551938N0441159E 545625N0443345E	140800ZOCT04 140807ZOCT04	10
01	15	02	6414 FT 6802 FT	542927N0450156E 535930N0452811E	140814ZOCT04 140822ZOCT04	10
01	15	03	6367 FT 6765 FT	521210N0470400E 515602N0471608E	140830ZOCT04 140849ZOCT04	10
01	17	01	6489 FT 6540 FT	513139N0460931E 514040N0453711E	140903ZOCT04 140909ZOCT04	10
01	18	01	6378 FT 6854 FT	515129N0450551E 515614N0445303E	140914ZOCT04 140917ZOCT04	10
01	19	01	6687 FT	503504N0451159E	140939ZOCT04	1B

			6706 FT	502510N0451511E	140940ZOCT04	
01	19	02	6354 FT 6852 FT	502902N0451110E 502605N0451115E	140941ZOCT04 140941ZOCT04	1B
01	20	01	6311 FT 6508 FT	501942N0451603E 501003N0451811E	140943ZOCT04 140945ZOCT04	1O
01	22	01	6459 FT 6956 FT	501515N0451059E 501753N0452342E	140956ZOCT04 140958ZOCT04	1O
01	23	01	6276 FT 6672 FT	493628N0454220E 483104N0460143E	141010ZOCT04 141026ZOCT04	1B
01	24	01	6631 FT 6834 FT	482728N0455732E 483207N0452559E	141032ZOCT04 141037ZOCT04	1B
01	25	01	6364 FT 6465 FT	484106N0443541E 484924N0441526E	141046ZOCT04 141050ZOCT04	1B
01	26	01	6560 FT 6678 FT	484124N0435620E 482505N0433515E	141054ZOCT04 141058ZOCT04	1S
01	26	02	6729 FT 7002 FT	482656N0433735E 482446N0433428E	141059ZOCT04 141100ZOCT04	0C
01	27	01	6853 FT 6945 FT	473634N0423307E 473319N0415344E	141116ZOCT04 141122ZOCT04	0C

(3) SENSOR USED: PG-OF_-L6 LEFT

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
01	03	01	6567 FT 6676 FT	553489N0383677E 553536N0384118E	140631ZOCT04 140632ZOCT04	1O
01	03	02	6726 FT 6728 FT	553835N0385004E 553930N0385759E	140634ZOCT04 140635ZOCT04	1O
01	04	01	6584 FT 6716 FT	560508N0403232E 560758N0401023E	140643ZOCT04 140648ZOCT04	1O
01	07	01	6701 FT 6728 FT	563816N0402355E 565611N0403300E	140706ZOCT04 140711ZOCT04	1O
01	09	01	6657 FT 6899 FT	564846N0405404E 564307N0410203E	140717ZOCT04 140719ZOCT04	1B
01	11	01	6451 FT 6627 FT	561718N0425040E 562000N0430235E	140734ZOCT04 140736ZOCT04	1O
01	12	01	6501 FT 6577 FT	562310N0431708E 562452N0432537E	140738ZOCT04 140740ZOCT04	1O
01	13	01	6589 FT 6920 FT	562328N0435246E 561109N0434558E	140744ZOCT04 140747ZOCT04	1O
01	14	01	6742 FT 6743 FT	554648N0435040E 553658N0435401E	140753ZOCT04 140755ZOCT04	1O

01	15	01	6775 FT 6832 FT	551938N0441159E 545625N0443345E	140800ZOCT04 140807ZOCT04	10
01	15	02	6414 FT 6802 FT	542927N0450156E 535930N0452811E	140814ZOCT04 140822ZOCT04	10
01	15	03	6367 FT 6765 FT	521210N0470400E 515602N0471608E	140830ZOCT04 140849ZOCT04	10
01	17	01	6489 FT 6540 FT	513139N0460931E 514040N0453711E	140903ZOCT04 140909ZOCT04	10
01	18	01	6378 FT 6854 FT	515129N0450551E 515614N0445303E	140914ZOCT04 140917ZOCT04	10
01	19	01	6687 FT 6706 FT	503504N0451159E 502510N0451511E	140939ZOCT04 140940ZOCT04	1B
01	19	02	6354 FT 6852 FT	502902N0451110E 502605N0451115E	140941ZOCT04 140941ZOCT04	1B
01	20	01	6311 FT 6508 FT	501942N0451603E 501003N0451811E	140943ZOCT04 140945ZOCT04	10
01	22	01	6459 FT 6956 FT	501515N0451059E 501753N0452342E	140956ZOCT04 140958ZOCT04	10
01	23	01	6276 FT 6672 FT	493628N0454220E 483104N0460143E	141010ZOCT04 141026ZOCT04	1B
01	24	01	6631 FT 6834 FT	482728N0455732E 483207N0452559E	141032ZOCT04 141037ZOCT04	1B
01	25	01	6364 FT 6465 FT	484106N0443541E 484924N0441526E	141046ZOCT04 141050ZOCT04	1B
01	26	01	6560 FT 6678 FT	484124N0435620E 482505N0433515E	141054ZOCT04 141058ZOCT04	1S
01	26	02	6729 FT 7002 FT	482656N0433735E 482446N0433428E	141059ZOCT04 141100ZOCT04	0C
01	27	01	6853 FT 6945 FT	473634N0423307E 473319N0415344E	141116ZOCT04 141122ZOCT04	0C

(4) SENSOR USED: PG-TVFI-T1 VIDEO

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
01	03	01	6567 FT 6676 FT	553489N0383677E 553536N0384118E	140631ZOCT04 140632ZOCT04	10
01	03	02	6726 FT 6728 FT	553835N0385004E 553930N0385759E	140634ZOCT04 140635ZOCT04	10
01	04	01	6584 FT 6716 FT	560508N0403232E 560758N0401023E	140643ZOCT04 140648ZOCT04	10
01	05	01	6505 FT 6574 FT	561129N0400530E 561829N0400531E	140659ZOCT04 140700ZOCT04	10

01	07	01	6701 FT 6728 FT	563816N0402355E 565611N0403300E	140706ZOCT04 140711ZOCT04	10
01	09	01	6657 FT 6899 FT	564846N0405404E 564307N0410203E	140717ZOCT04 140719ZOCT04	1B
01	11	01	6451 FT 6627 FT	561718N0425040E 562000N0430235E	140734ZOCT04 140736ZOCT04	10
01	12	01	6501 FT 6577 FT	562310N0431708E 562452N0432537E	140738ZOCT04 140740ZOCT04	10
01	13	01	6589 FT 6920 FT	562328N0435246E 561109N0434558E	140744ZOCT04 140747ZOCT04	10
01	14	01	6742 FT 6743 FT	554648N0435040E 553658N0435401E	140753ZOCT04 140755ZOCT04	10
01	15	01	6775 FT 6832 FT	551938N0441159E 545625N0443345E	140800ZOCT04 140807ZOCT04	10
01	15	02	6414 FT 6802 FT	542927N0450156E 535930N0452811E	140814ZOCT04 140822ZOCT04	10
01	15	03	6367 FT 6765 FT	521210N0470400E 515602N0471608E	140830ZOCT04 140849ZOCT04	10
01	17	01	6489 FT 6540 FT	513139N0460931E 514040N0453711E	140903ZOCT04 140909ZOCT04	10
01	18	01	6378 FT 6854 FT	515129N0450551E 515614N0445303E	140914ZOCT04 140917ZOCT04	10
01	19	01	6687 FT 6706 FT	503504N0451159E 502510N0451511E	140939ZOCT04 140940ZOCT04	1B
01	19	02	6354 FT 6852 FT	502902N0451110E 502605N0451115E	140941ZOCT04 140941ZOCT04	1B
01	20	01	6311 FT 6508 FT	501942N0451603E 501003N0451811E	140943ZOCT04 140945ZOCT04	10
01	22	01	6459 FT 6956 FT	501515N0451059E 501753N0452342E	140956ZOCT04 140958ZOCT04	10
01	23	01	6276 FT 6672 FT	493628N0454220E 483104N0460143E	141010ZOCT04 141026ZOCT04	1B
01	24	01	6631 FT 6834 FT	482728N0455732E 483207N0452559E	141032ZOCT04 141037ZOCT04	1B
01	25	01	6364 FT 6465 FT	484106N0443541E 484924N0441526E	141046ZOCT04 141050ZOCT04	1B
01	26	01	6560 FT 6678 FT	484124N0435620E 482505N0433515E	141054ZOCT04 141058ZOCT04	1S
01	26	02	6729 FT 7002 FT	482656N0433735E 482446N0433428E	141059ZOCT04 141100ZOCT04	0C
01	27	01	6853 FT	473634N0423307E	141116ZOCT04	0C

6945 FT

473319N0415344E

141122Z OCT04

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE:
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

Film will be processed in Canada, From 20 to 23 Oct.

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **Major, Steeve Veillette**

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **160515Z OCT04**

6. REMARKS:

(1) The Canadian Team wishes to thank the Russian Federation for the exceptional support provided to this mission. This mission proved to be an excellent opportunity for the Canadian Team to operationally demonstrate the latest changes incorporated into the POD system. The Canadian Team hopes that the Russian Team is satisfied with the explanations provided in order to alleviate any concerns regarding the impact of modifications to the POD system.

(2) The Canadian Team was most impressed with the flexibility and the professionalism of the Russian Team in all aspects of their support to this mission. In particular, The Canadian Team appreciates the Russian Team's exceptional pre-mission coordination with all air traffic authorities and the active assistance of their airborne air traffic representative. Without question, the Russian Federation's collaboration with Canadian Representatives was instrumental to the success of this mission.

(3) Segment two was a Transit leg with no sensors events.

(4) Russian Federation remarks:

A. The Russian Party would like to express its thanks to the Canadian mission for their help and for providing clarification concerning the technical aspects of the modifications made to the obsolete equipment associated with the COPS sensor suite.

B. With the aim of testing the function of the sensors and their associated equipment, and also to obtain additional data so as to confirm that the substituted components of the COPS suite correspond to those previously certified, the Russian Federation, as a good-will gesture and in the spirit of the Treaty, permitted the Observing Party to perform an observation flight along the agreed route. The Observed Party was proceeding from the position that the flight would allow it to assess whether the operating modes of the equipment associated with the sensors had not changed with respect to the certified components to the COPS suite.

C. Based on the results of the observation flight, the Observed Party was unable to satisfy itself that the data annotation system of the COPS suite corresponded to what was certified, since the data displayed on the screen and recorded in the annotation system disagreed with the true values for the observation aircraft's position relative to the agreed flight route and the parameters of the sensor events.

D. The Russian Federation reserves the right to conduct a demonstration flight during the next mission by any State Party of the POD Group, since weather conditions during the missions by and Canada did not permit such a flight.

7. END OF OS MESSAGE NUMBER: OS/CA/04/0051/F14/O

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO:

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/04/0031/F14/O**
2. OS MESSAGE DATE AND TIME: **160925ZJUL04**
3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21
4. MESSAGE REFERENCE: **OS/CA/04/0023/F12/O**
5. CONTENT

A. OBSERVATION FLIGHT

- (1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)
 - (a) OBSERVING PARTY: **CANADA**
- (2) OBSERVED STATES PARTIES
 - (a) OBSERVED PARTY: **RUSSIAN FEDERATION**
 - (i) OBSERVATION FLIGHT REFERENCE NUMBER: **OS-4-137**
- (3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: **051230ZJUL04**
- (4) TYPE OF OBSERVATION FLIGHT: **NORMAL FLIGHT**
- (5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: **C-130H**

B. ITINERARY

- (1) FLIGHT SEGMENT NUMBER: 1
 - (a) DEPARTURE AIRFIELD: **Kubinka**
 - (i) ICAO DESIGNATOR: **UUMB**
 - (ii) GEOGRAPHIC CO-ORDINATES:
553642N, 0363900E
 - (b) DATE AND TIME OF TAKEOFF: **080420ZJUL04**
 - (c) LEGS OF THIS SEGMENT:
01, 553530N0371542E
02, 555818N0372454E
03, 554918N0375806E
04, 554730N0381348E
05, 560818N0400612E
06, 561836N0400530E
07, 563830N0402612E

08, 564436N0402600E
09, 564936N0403054E
10, 565430N0403030E
11, 565812N0403730E
12, 573100N0394906E
13, 573624N0395912E
14, 574318N0404954E
15, 575454N0412348E
16, 592112N0490130E
17, 592054N0500806E
18, 591000N0500654E
19, 591342N0490506E
20, 590400N0490542E
21, 590648N0502654E
22, 581200N0522736E
23, 580754N0525100E
24, 574342N0560742E
25, 574330N0562706E
26, 575500N0560136E

(d) LANDING AIRFIELD: **Perm**

(i) ICAO DESIGNATOR: **USPP**

(ii) GEOGRAPHIC CO-ORDINATES:
575500N, 0560136E

(e) DATE AND TIME OF LANDING: **080915ZJUL04**

(2) FLIGHT SEGMENT NUMBER: **2**

(a) DEPARTURE AIRFIELD: **Perm**

(i) ICAO DESIGNATOR: **USPP**

(ii) GEOGRAPHIC CO-ORDINATES:
575500N, 0560136E

(b) DATE AND TIME OF TAKEOFF: **081225ZJUL04**

(c) LEGS OF THIS SEGMENT:

01, 520612N0471524E
02, 520612N0470024E
03, 513000N0461212E
04, 514348N0452800E
05, 515942N0444342E
06, 555000N0484054E
07, 555006N0481954E
08, 561506N0435306E
09, 562712N0435130E
10, 562112N0430748E
11, 561706N0424936E
12, 560312N0403724E
13, 555812N0401900E
14, 552030N0364418E
15, 553106N0364418E
16, 553642N0363900E

(d) LANDING AIRFIELD: **Kubinka**

(i) ICAO DESIGNATOR: **UUMB**

(ii) GEOGRAPHIC CO-ORDINATES:
 553642N, 0363900E

(e) DATE AND TIME OF LANDING: 081745ZJUL04

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 4068 Km

D. OBSERVATION PERIODS

(1) SENSOR USED: PG-OF-V3 Vertical

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
01	02	01	6463FT 6512FT	554007N0371737E 555611N0372408E	080446ZJUL04 080450ZJUL04	1B
01	03	01	6463FT 6479FT	555714N0372853E 555038N0373713E	080455ZJUL04 080458ZJUL04	1B
01	04	01	6512FT 6544FT	554845N0380253E 554748N0381117E	080459ZJUL04 080501ZJUL04	1B
01	05	01	6528FT 6561FT	555318N0384403E 555419N0384928E	080505ZJUL04 080506ZJUL04	1B
01	06	01	6534FT 6578FT	560937N0400611E 561626N0401437E	080519ZJUL04 080521ZJUL04	1B
01	10	01	6515FT 6561FT	565024N0403049E 565351N0403032E	080538ZJUL04 080539ZJUL04	1F
01	11	01	6479FT 6561FT	565510N0403227E 565738N0403653E	080542ZJUL04 080543ZJUL04	1B
01	13	01	6520FT 6643FT	573124N0394947E 573530N0395730E	080559ZJUL04 080600ZJUL04	1B
01	15	01	6479FT 6676FT	574526N0405600E 574811N0410402E	080609ZJUL04 080610ZJUL04	1B
01	15	02	5429FT 6496FT	574951N0410854E 575418N0412156E	080611ZJUL04 080613ZJUL04	1B
01	17	01	6250FT 6299FT	592105N0490311E 592105N0494116E	080719ZJUL04 080725ZJUL04	1B
01	19	01	6315FT 6332FT	591022N0500034E 591322N0491050E	080734ZJUL04 080740ZJUL04	1S
01	21	01	6332FT 6332FT	590411N0491002E 590602N0500151E	080749ZJUL04 080756ZJUL04	1F
01	24	01	7234FT 7250FT	575457N0544148E 575305N0545643E	080840ZJUL04 080842ZJUL04	1F
01	25	01	7434FT 7440FT	574349N0560807E 574333N0562205E	080852ZJUL04 080854ZJUL04	1F
02	02	01	7053FT 7513FT	520608N0471103E 520611N0470041E	081410ZJUL04 081411ZJUL04	1B

02	04	01	6906FT 7824FT	513022N0461104E 513622N0455153E	081426ZJUL04 081430ZJUL04	1S
02	04	02	7004FT 7562FT	513924N0454205E 514236N0453149E	081432ZJUL04 081433ZJUL04	1S
02	05	01	7053FT 7299FT	515303N0450216E 515747N0444905E	081439ZJUL04 081442ZJUL04	1S
02	07	01	6709FT 6725FT	555000N0483821E 555003N0483319E	081545ZJUL04 081547ZJUL04	1F
02	09	01	6679FT 6709FT	561627N0435246E 562549N0435138E	081628ZJUL04 081630ZJUL04	1S

(2) SENSOR USED: PG-OF-R3 RIGHT

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
01	02	01	6463FT 6512FT	554007N0371737E 555611N0372408E	080446ZJUL04 080450ZJUL04	1B
01	03	01	6463FT 6479FT	555714N0372853E 555038N0373713E	080455ZJUL04 080458ZJUL04	1B
01	04	01	6512FT 6544FT	554845N0380253E 554748N0381117E	080459ZJUL04 080501ZJUL04	1B
01	05	01	6528FT 6561FT	555318N0384403E 555419N0384928E	080505ZJUL04 080506ZJUL04	1B
01	06	01	6534FT 6578FT	560937N0400611E 561626N0401437E	080519ZJUL04 080521ZJUL04	1B
01	10	01	6515FT 6561FT	565024N0403049E 565351N0403032E	080538ZJUL04 080539ZJUL04	1F
01	11	01	6479FT 6561FT	565510N0403227E 565738N0403653E	080542ZJUL04 080543ZJUL04	1B
01	13	01	6520FT 6643FT	573124N0394947E 573530N0395730E	080559ZJUL04 080600ZJUL04	1B
01	15	01	6479FT 6676FT	574526N0405600E 574811N0410402E	080609ZJUL04 080610ZJUL04	1B
01	15	02	5429FT 6496FT	574951N0410854E 575418N0412156E	080611ZJUL04 080613ZJUL04	1B
01	17	01	6250FT 6299FT	592105N0490311E 592105N0494116E	080719ZJUL04 080725ZJUL04	1B
01	19	01	6315FT 6332FT	591022N0500034E 591322N0491050E	080734ZJUL04 080740ZJUL04	1S
01	21	01	6332FT 6332FT	590411N0491002E 590602N0500151E	080749ZJUL04 080756ZJUL04	1F
01	24	01	7234FT	575457N0544148E	080840ZJUL04	1F

			7250FT	575305N0545643E	080842ZJUL04	
01	25	01	7434FT 7440FT	574349N0560807E 574333N0562205E	080852ZJUL04 080854ZJUL04	1F
02	02	01	7053FT 7513FT	520608N0471103E 520611N0470041E	081410ZJUL04 081411ZJUL04	1B
02	04	01	6906FT 7824FT	513022N0461104E 513622N0455153E	081426ZJUL04 081430ZJUL04	1S
02	04	02	7004FT 7562FT	513924N0454205E 514236N0453149E	081432ZJUL04 081433ZJUL04	1S
02	05	01	7053FT 7299FT	515303N0450216E 515747N0444905E	081439ZJUL04 081442ZJUL04	1S
02	07	01	6709FT 6725FT	555000N0483821E 555003N0483319E	081545ZJUL04 081547ZJUL04	1F
02	09	01	6679FT 6709FT	561627N0435246E 562549N0435138E	081628ZJUL04 081630ZJUL04	1S

(3) SENSOR USED: PG-OF-L3 LEFT

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
01	02	01	6463FT 6512FT	554007N0371737E 555611N0372408E	080446ZJUL04 080450ZJUL04	1B
01	03	01	6463FT 6479FT	555714N0372853E 555714N0372853E	080455ZJUL04 080458ZJUL04	1B
01	04	01	6512FT 6544FT	554845N0380253E 554748N0381117E	080459ZJUL04 080501ZJUL04	1B
01	05	01	6528FT 6561FT	555318N0384403E 555419N0384928E	080505ZJUL04 080506ZJUL04	1B
01	06	01	6534FT 6578FT	560937N0400611E 561626N0401437E	080519ZJUL04 080521ZJUL04	1B
01	10	01	6515FT 6561FT	565024N0403049E 565351N0403032E	080538ZJUL04 080539ZJUL04	1F
01	11	01	6479FT 6561FT	565510N0403227E 565738N0403653E	080542ZJUL04 080543ZJUL04	1B
01	13	01	6520FT 6643FT	573124N0394947E 573530N0395730E	080559ZJUL04 080600ZJUL04	1B
01	15	01	6479FT 6676FT	574526N0405600E 574811N0410402E	080609ZJUL04 080610ZJUL04	1B
01	15	02	5429FT 6496FT	574951N0410854E 575418N0412156E	080611ZJUL04 080613ZJUL04	1B
01	17	01	6250FT 6299FT	592105N0490311E 592105N0494116E	080719ZJUL04 080725ZJUL04	1B

01	19	01	6315FT 6332FT	591022N0500034E 591322N0491050E	080734ZJUL04 080740ZJUL04	1S
01	21	01	6332FT 6332FT	590411N0491002E 590602N0500151E	080749ZJUL04 080756ZJUL04	1F
01	24	01	7234FT 7250FT	575457N0544148E 575305N0545643E	080840ZJUL04 080842ZJUL04	1F
01	25	01	7434FT 7440FT	574349N0560807E 574333N0562205E	080852ZJUL04 080854ZJUL04	1F
02	02	01	7053FT 7513FT	520608N0471103E 520611N0470041E	081410ZJUL04 081411ZJUL04	1B
02	04	01	6906FT 7824FT	513022N0461104E 513622N0455153E	081426ZJUL04 081430ZJUL04	1S
02	04	02	7004FT 7562FT	513924N0454205E 514236N0453149E	081432ZJUL04 081433ZJUL04	1S
02	05	01	7053FT 7299FT	515303N0450216E 515747N0444905E	081439ZJUL04 081442ZJUL04	1S
02	07	01	6709FT 6725FT	555000N0483821E 555003N0483319E	081545ZJUL04 081547ZJUL04	1F
02	09	01	6679FT 6709FT	561627N0435246E 562549N0435138E	081628ZJUL04 081630ZJUL04	1S

(4) SENSOR USED: PG-TVF1-T2

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END CO-ORDINATES	START/END DATE & TIME	WEATHER
01	02	01	6463FT 6512FT	554007N0371737E 555611N0372408E	080446ZJUL04 080450ZJUL04	1B
01	03	01	6463FT 6479FT	555714N0372853E 555038N0373713E	080455ZJUL04 080458ZJUL04	1B
01	04	01	6512FT 6544FT	554845N0380253E 554748N0381117E	080459ZJUL04 080501ZJUL04	1B
01	05	01	6528FT 6561FT	555318N0384403E 555419N0384928E	080505ZJUL04 080506ZJUL04	1B
01	06	01	6534FT 6578FT	560937N0400611E 561626N0401437E	080519ZJUL04 080521ZJUL04	1B
01	10	01	6515FT 6561FT	565024N0403049E 565351N0403032E	080538ZJUL04 080539ZJUL04	1F
01	11	01	6479FT 6561FT	565510N0403227E 565738N0403653E	080542ZJUL04 080543ZJUL04	1B
01	13	01	6520FT 6643FT	573124N0394947E 573530N0395730E	080559ZJUL04 080600ZJUL04	1B
01	15	01	6479FT 6676FT	574526N0405600E 574811N0410402E	080609ZJUL04 080610ZJUL04	1B

01	15	02	5429FT 6496FT	574951N0410854E 575418N0412156E	080611ZJUL04 080613ZJUL04	1B
01	17	01	6250FT 6299FT	592105N0490311E 592105N0494116E	080719ZJUL04 080725ZJUL04	1B
01	19	01	6315FT 6332FT	591022N0500034E 591322N0491050E	080734ZJUL04 080740ZJUL04	1S
01	21	01	6332FT 6332FT	590411N0491002E 590602N0500151E	080749ZJUL04 080756ZJUL04	1F
01	24	01	7234FT 7250FT	575457N0544148E 575305N0545643E	080840ZJUL04 080842ZJUL04	1F
01	25	01	7434FT 7440FT	574349N0560807E 574333N0562205E	080852ZJUL04 080854ZJUL04	1F
02	02	01	7053FT 7513FT	520608N0471103E 520608N0471103E	081410ZJUL04 081411ZJUL04	1B
02	04	01	6906FT 7824FT	513022N0461104E 513622N0455153E	081426ZJUL04 081430ZJUL04	1S
02	04	02	7004FT 7562FT	513924N0454205E 514236N0453149E	081432ZJUL04 081433ZJUL04	1S
02	05	01	7053FT 7299FT	515303N0450216E 515747N0444905E	081439ZJUL04 081442ZJUL04	1S
02	07	01	6709FT 6725FT	555000N0483821E 555003N0483319E	081545ZJUL04 081547ZJUL04	1F
02	09	01	6679FT 6709FT	561627N0435246E 562549N0435138E	081628ZJUL04 081630ZJUL04	1S

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: **YES**
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE:
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE:
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: **YES**

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT, INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:
FILM WILL BE PROCESSED BY CANADA

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: **MAJOR J. PRESTON, CANADA**

H. NAME OF CHIEF FLIGHT MONITOR: **RUSSIAN FEDERATION**

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: **090945ZJUL04**

6. REMARKS:

REMARKS BY THE OBSERVING PARTY:

A. THE MISSION PLAN WAS SUBMITTED 44 HOURS PRIOR TO INTENDED TAKE OFF.

B. THE OBSERVING PARTY'S REQUEST TO FLY THROUGH ANY PORTION OF PROHIBITED AREA UUP33 AROUND MOSCOW, UNDER THE PROVISIONS OF ARTICLE VI, SECTION II, PARA 2, WAS DENIED BY THE OBSERVED PARTY, DUE TO THE NATIONAL RULES OF THE OBSERVED PARTY. THE FIRST TWO POINTS ON THE MISSION PLAN WERE AMENDED TO GO AROUND AREA UUP 33, AND THE MISSION PLAN WAS AGREED TO 36 HOURS PRIOR TO TAKE OFF.

C. AT THE REQUEST OF THE OBSERVED PARTY, THE OBSERVATION FLIGHT DEPARTED KUBINKA 20 MINUTES LATE IN ORDER TO COORDINATE AIR TRAFFIC CONTROL COMMUNICATIONS DURING A PORTION OF THE MISSION PLAN ROUTE.

D. THE OBSERVING PARTY CONFIRMED THAT A TWO HOUR STOP IN PERM WAS SUFFICIENT FOR REFUELLING AND APPROVAL OF THE FLIGHT PLAN BY AIR TRAFFIC CONTROL. AT THE REQUEST OF THE OBSERVED PARTY, THE OBSERVATION FLIGHT DEPARTED PERM 85 MINUTES LATE IN ORDER TO OBTAIN AIR TRAFFIC CONTROL CLEARANCE ALONG THE MISSION PLAN ROUTE DUE TO THUNDERSTORMS ENROUTE. THE FLIGHT CREW HAD OFFERED TO ASSUME RESPONSIBILITY FOR WEATHER AVOIDANCE ENROUTE.

E. THESE TWO AIR TRAFFIC CONTROL DELAYS RESULTED IN TWILIGHT CONDITIONS OVER THE FINAL 20% OF THE SEGMENT FROM PERM TO KUBINKA, WHICH WAS UNSUITABLE FOR PHOTOGRAPHY.

F. IN ORDER TO COMPENSATE FOR THE TIME LOST DUE TO AIR TRAFFIC CONTROL DELAYS, THE OBSERVED PARTY AND OBSERVING PARTY AGREED TO INCREASE SPEED ON THOSE LEGS FROM PERM TO KUBINKA WHERE NO PHOTOGRAPHS WERE GOING TO BE TAKEN. AIR TRAFFIC CONTROL APPROVED A SPEED INCREASE TO 555 KILOMETRES PER HOUR TRUE AIR SPEED.

G. THE OBSERVATION FLIGHT REQUIRED MANY DEVIATIONS FROM THE MISSION PLAN ROUTE DUE TO THUNDERSTORMS, AND AIR TRAFFIC CONTROL ON THE GROUND PROVIDED EXCELLENT SUPPORT DURING THESE DEVIATIONS. NO PHOTOGRAPHS WERE TAKEN DURING THESE DEVIATIONS. THE DEVIATIONS WERE RESOLVED TO THE SATISFACTION OF BOTH THE CHIEF FLIGHT REPRESENTATIVE AND THE CHIEF FLIGHT MONITOR.

H. SHORTLY AFTER DEPARTURE FROM KUBINKA, THE OBSERVATION AIRCRAFT WAS DIRECTED IN ENGLISH BY AIR TRAFFIC CONTROL TO DEVIATE FROM THE MISSION PLAN ROUTE. THE OBSERVATION AIRCRAFT COMPLIED WITH THIS REQUEST, AND RETURNED TO THE MISSION PLAN ROUTE AFTER COORDINATION WITH AIR TRAFFIC CONTROL. NO PHOTOGRAPHS WERE TAKEN DURING THIS DEVIATION.

I. ON ONE OCCASION, THE OBSERVATION AIRCRAFT WAS DIRECTED BY GROUND AIR TRAFFIC CONTROL IN ENGLISH TO DEVIATE FROM THE MISSION PLAN ROUTE IN ORDER TO CONFIRM THAT THE AIRCRAFT COULD HEAR THE GROUND AIR TRAFFIC CONTROLLER. THE OBSERVATION AIRCRAFT COMPLIED WITH THIS REQUEST, AND RETURNED TO THE MISSION PLAN ROUTE AFTER COMMUNICATIONS WERE ESTABLISHED WITH THE NEXT GROUND AIR TRAFFIC CONTROLLER ALONG THE MISSION PLAN ROUTE. NO PHOTOGRAPHS WERE TAKEN DURING THIS DEVIATION. THE DEVIATION WAS RESOLVED TO THE SATISFACTION OF BOTH THE CHIEF FLIGHT REPRESENTATIVE AND THE CHIEF FLIGHT MONITOR.

6. REMARKS BY THE OBSERVED PARTY:

A. THE CANADIAN MISSION DID NOT FULFIL THE PROVISIONS OF THE TREATY (ARTICLE VI, SECTION 1, PARAGRAPH 12) CONCERNING THE NECESSITY OF INCLUDING AT LEAST ONE INDIVIDUAL IN THE FLIGHT CREW WHO CAN FLUENTLY CONVERSE WITH PERSONNEL OF THE OBSERVED PARTY AND ITS AIR TRAFFIC CONTROL AUTHORITIES IN THE LANGUAGE OR LANGUAGES SPECIFIED IN THE NOTIFICATION OF THE OBSERVED PARTY IN ACCORDANCE WITH ARTICLE VI, SECTION 1, PARAGRAPH 4. THE RESULT OF THIS SITUATION WAS THAT THE FLIGHT CREW OF THE OBSERVING PARTY DID NOT UNDERSTAND THE DIRECTIONS OF THE RUSSIAN FEDERATION'S ATC AUTHORITIES AND WAS UNABLE TO CONDUCT RADIO COMMUNICATIONS IN THE LANGUAGE OF THE OBSERVED PARTY. IN

CONSEQUENCE, THE SAFETY OF THE MEMBERS OF THE CANADIAN MISSION AND OF THE RUSSIAN ESCORT GROUP ON BOARD THE AIRCRAFT WAS NOT ASSURED. FAILURE TO UNDERSTAND THE INSTRUCTIONS OF THE ATC AUTHORITIES LED TO A DELAY IN THE DEPARTURE OF THE OBSERVATION AIRCRAFT FROM THE KUBINKA AND PERM AIRFIELDS BY OVER 20 MINUTES AT EACH AIRFIELD. IN ADDITION TO THIS, THE ATC AUTHORITIES OF THE OBSERVED PARTY HAD TO INTRODUCE BRIEF RESTRICTIONS IN THE AREA OF VNUKOVO INTERNATIONAL AIRPORT AND PARTIALLY CLOSE IT DOWN FOR A PERIOD OF TIME EXCEEDING THAT PERMITTED BY NATIONAL FLIGHT RULES, WHICH JEOPARDIZED THE SAFETY OF AIRCRAFT CARRYING OUT SCHEDULED FLIGHTS IN THE AREA OF THE AIRPORT. IN ACCORDANCE WITH THE NATIONAL FLIGHT RULES OF THE OBSERVED PARTY, THIS SITUATION REQUIRED THAT THE OBSERVATION FLIGHT BE TERMINATED. HOWEVER, THE RUSSIAN FEDERATION, AS AN EXCEPTION, AND ACTING IN THE SPIRIT OF GOOD WILL, CONSIDERED THE DESIRES OF THE OBSERVING PARTY AND ENABLED THE OBSERVATION FLIGHT TO BE CONDUCTED.

B. DURING THE COURSE OF CO-ORDINATING THE MISSION PLAN, THE RUSSIAN FEDERATION DID NOT GRANT PERMISSION FOR CANADA'S OBSERVATION AIRCRAFT TO FLY THROUGH PROHIBITED ZONE UUP 33 (CO-ORDINATES ARE GIVEN IN THE AIP DIGEST). THIS REFUSAL WAS GOVERNED BY THE PARAMETERS OF THE PROHIBITED ZONE, AND ALSO BY THE FACT THAT IT WOULD BE IMPOSSIBLE TO ENSURE THE SAFETY OF THE INHABITANTS OF THE DENSELY POPULATED DISTRICTS OF THE CITY OF MOSCOW IF AN EMERGENCY SITUATION SHOULD ARISE ON BOARD THE OBSERVATION AIRCRAFT DURING THE COURSE OF THE OBSERVATION FLIGHT. THE RUSSIAN PARTY WAS GUIDED BY THE PROVISIONS OF THE OPEN SKIES TREATY ENUNCIATED IN ARTICLE VI, SECTION 2, PARAGRAPH 4, SUB-PARAGRAPHS B AND C. THE RUSSIAN PARTY CONSIDERS THAT, IN ACCORDANCE WITH ARTICLE VI, SECTION 2, PARAGRAPH 2, "THE MISSION PLAN MAY PROVIDE FOR AN OBSERVATION FLIGHT THAT ALLOWS FOR THE OBSERVATION OF ANY POINT ON THE ENTIRE TERRITORY OF THE OBSERVED PARTY," BUT NOT FOR OVERFLIGHT OVER ANY POINT OF THE TERRITORY. FOR OBSERVING THE TERRITORY OF THE CITY OF MOSCOW, IT IS NOT OBLIGATORY TO FLY OVER THE CENTRE OF THE CITY; SUCH OBSERVATION CAN BE ACHIEVED BY CONDUCTING AN OBSERVATION FLIGHT ALONG THE BOUNDARIES OF THE PROHIBITED ZONE.

C. TAKE-OFF FROM THE PERM REFUELLING AIRFIELD WAS DELAYED BY ONE HOUR DUE TO ADVERSE WEATHER CONDITIONS (A THUNDERSTORM SITUATION) ALONG THE OBSERVATION AIRCRAFT'S FLIGHT ROUTE.

7. END OF OS MESSAGE NUMBER: OS/CA/04/0031/F14/O

OS FORMAT 14

PRECEDENCE: ROUTINE

FROM: CANADA

TO: ALL STATES PARTIES

INFO:

SUBJECT: MISSION REPORT ON OBSERVATION FLIGHT

1. OS MESSAGE NUMBER: **OS/CA/03/021/F14/O**

2. OS MESSAGE DATE AND TIME: 101815ZJUN03

3. TREATY REFERENCE: ARTICLE VI, SECTION I, PARAGRAPH 21

4. MESSAGE REFERENCE: **OS/CA/03/014/F12/O**

5. CONTENT

A. OBSERVATION FLIGHT

(1) OBSERVING STATES PARTIES (STATE PARTY THAT WILL HOLD THE SENSOR OUTPUT SHOULD BE LISTED FIRST)

(a) OBSERVING PARTY: CANADA

(2) OBSERVED STATES PARTIES:

(a) OBSERVED PARTY: RUSSIAN FEDERATION

(i) OBSERVATION FLIGHT REFERENCE NUMBER: OS-3-136

(3) DATE AND TIME OF ARRIVAL AT POINT OF ENTRY: 251601ZMAY03

(4) TYPE OF OBSERVATION FLIGHT: NORMAL FLIGHT

(5) TYPE AND MODEL OF OBSERVATION AIRCRAFT: C130H

B. ITINERARY

(1) FLIGHT SEGMENT* NUMBER: 1

(a) DEPARTURE AIRFIELD:

(i) ICAO DESIGNATOR: UNNT

(ii) GEOGRAPHIC CO-ORDINATES: 550042N0823900E

(b) DATE AND TIME OF TAKEOFF: 280200ZMAY03

(c) LEGS* OF THIS SEGMENT:

1/533836N0840354E	2/535100N0835630E	3/550106N0830000E	4/552224N0831124E
5/551312N0894730E	6/552030N0895030E	7/554200N0900730E	8/554918N0900618E
9/561330N0921130E	10/561400N0922518E	11/560530N0951724E	12/560524N0952300E
13/561112N0961330E	14/530230N1032336E	15/525200N1033130E	16/525700N1033700E
17/550006N0823854E			

(d) LANDING AIRFIELD:

(i) ICAO DESIGNATOR: UNNT

(ii) GEOGRAPHIC CO-ORDINATES: 550042N0823900E

(e) DATE AND TIME OF LANDING: 281225ZMAY03

C. TOTAL DISTANCE OF OBSERVATION FLIGHT: 3256

D. OBSERVATION PERIODS*

(1) SENSOR USED: PG-OF -L3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END COORDINATES	START/END DATE&TIME	WEATHER
1	1	1	2552-2552	535150N0834921E-534328N0835834E	280221ZMAY03-280224ZMAY03	1B
1	2	2	2506-2486	534346N0840048E-534849N0835746E	280230ZMAY03-280231ZMAY03	1B
1	4	3	2501-2532	550543N0830227E-552040N0831035E	280256ZMAY03-280300ZMAY03	0C
1	5	4	3025-3115	552113N0855303E-552055N0860909E	280322ZMAY03-280324ZMAY03	0C
1	6	5	2700-2680	551445N0894813E-552026N0895030E	280356ZMAY03-280357ZMAY03	0C
1	8	6	2310-2335	554353N0900721E-554812N0900628E	280406ZMAY03-280408ZMAY03	0C
1	10	7	2305-2400	561334N0921539E-561353N0922316E	280426ZMAY03-280427ZMAY03	0C
1	13	8	2590-2590	560652N0953524E-561036N0960806E	280450ZMAY03-280454ZMAY03	1B
1	14	9	2584-2340	554301N0972613E-553512N0974546E	280506ZMAY03-280509ZMAY03	1B
1	15	10	2200-2045	525703N1032747E-525347N1033010E	280604ZMAY03-280605ZMAY03	10
1	16	11	2450-2345	525323N1033259E-525746N1033743E	280610ZMAY03-280611ZMAY03	10

(2) SENSOR USED: PG-OF -V3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END COORDINATES	START/END DATE&TIME	WEATHER
1	1	1	2552-2552	535150N0834921E-534328N0835834E	280221ZMAY03-280224ZMAY03	1B
1	2	2	2506-2486	534346N0840048E-534849N0835746E	280230ZMAY03-280231ZMAY03	1B
1	4	3	2501-2532	550543N0830227E-552040N0831035E	280256ZMAY03-280300ZMAY03	0C
1	5	4	3025-3115	552113N0855303E-552055N0860909E	280322ZMAY03-280324ZMAY03	0C
1	6	5	2700-2680	551445N0894813E-552026N0895030E	280356ZMAY03-280357ZMAY03	0C
1	8	6	2310-2335	554353N0900721E-554812N0900628E	280406ZMAY03-280408ZMAY03	0C
1	10	7	2305-2400	561334N0921539E-561353N0922316E	280426ZMAY03-280427ZMAY03	0C
1	13	8	2590-2590	560652N0953524E-561036N0960806E	280450ZMAY03-280454ZMAY03	1B
1	14	9	2584-2340	554301N0972613E-553512N0974546E	280506ZMAY03-280509ZMAY03	1B
1	15	10	2200-2045	525703N1032747E-525347N1033010E	280604ZMAY03-280605ZMAY03	10
1	16	11	2450-2345	525323N1033259E-525746N1033743E	280610ZMAY03-280611ZMAY03	10

(3) SENSOR USED: PG-OF -R3

SEG	LEG	OP	MIN/MAX HEIGHT ABOVE GROUND LEVEL	START/END COORDINATES	START/END DATE&TIME	WEATHER
1	1	1	2552-2552	535150N0834921E-534328N0835834E	280221ZMAY03-280224ZMAY03	1B
1	2	2	2506-2486	534346N0840048E-534849N0835746E	280230ZMAY03-280231ZMAY03	1B

1	4	3	2501-2532	550543N0830227E-552040N0831035E	280256ZMAY03-280300ZMAY03	0C
1	5	4	3025-3115	552113N0855303E-552055N0860909E	280322ZMAY03-280324ZMAY03	0C
1	6	5	2700-2680	551445N0894813E-552026N0895030E	280356ZMAY03-280357ZMAY03	0C
1	8	6	2310-2335	554353N0900721E-554812N0900628E	280406ZMAY03-280408ZMAY03	0C
1	10	7	2305-2400	561334N0921539E-561353N0922316E	280426ZMAY03-280427ZMAY03	0C
1	13	8	2590-2590	560652N0953524E-561036N0960806E	280450ZMAY03-280454ZMAY03	1B
1	14	9	2584-2340	554301N0972613E-553512N0974546E	280506ZMAY03-280509ZMAY03	1B
1	15	10	2200-2045	525703N1032747E-525347N1033010E	280604ZMAY03-280605ZMAY03	10
1	16	11	2450-2345	525323N1033259E-525746N1033743E	280610ZMAY03-280611ZMAY03	10

E. COVERS OF SENSOR APERTURES OR OTHER DEVICES THAT INHIBIT THE OPERATION OF SENSORS WERE IN THEIR PROPER POSITION

- (1) IMMEDIATELY UPON ARRIVAL AT POINT OF ENTRY: YES
- (2) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF ENTRY TO OPEN SKIES AIRFIELD, IF APPLICABLE: YES
- (3) IMMEDIATELY PRIOR TO DEPARTURE FROM OPEN SKIES AIRFIELD TO POINT OF EXIT, IF APPLICABLE: YES
- (4) IMMEDIATELY PRIOR TO DEPARTURE FROM POINT OF EXIT: YES

F. REMARKS FOR RESULTS OF PRE-FLIGHT INSPECTION AND DEMONSTRATION FLIGHT; REASONS FOR DELAYING, PROHIBITING, DECLINING, OR CANCELLING OF FLIGHT OR FLIGHT ACTIVITIES; AND OTHER SIGNIFICANT FACTS ABOUT THE FLIGHT INCLUDING WHO PROCESSED THE FILM OR RECORDING MEDIA:

1. Processing of the materials of the observation flight will take place at the processing facilities of the Observing Party.
2. On legs 1-4 of the Observation Flight, the Observing Party made unsanctioned use of a sensor configuration, which was not indicated on the agreed mission plan. No indication was provided to show that such sensors were in operation in flight. The operation of this sensor configuration, not provided for in the agreed mission plan was forbidden by the Senior Flight Monitor. The media, two videocassettes (No. 030528-T2-1S and No. 030528-T2-1P), were confiscated by the Observed Party and will be returned to the Observing Party through diplomatic channels.

G. NAME OF CHIEF FLIGHT REPRESENTATIVE OR CHIEF REPRESENTATIVE: LIEUTENANT COLONEL DAVE BERRY

H. NAME OF CHIEF FLIGHT MONITOR:

I. DATE AND TIME OF SIGNATURE OF MISSION REPORT: 300700ZMAY03

6. REMARKS:

7. END OF MESSAGE NUMBER: OS/CA/03/021/F14/O

NOTE*

SEGMENT MEANS THAT PORTION OF THE OBSERVATION FLIGHT FROM TAKE-OFF TO PLANNED LANDING.

A LEG MEANS THAT PORTION OF THE SEGMENT BETWEEN TWO CO-ORDINATES.

AN OBSERVATION PERIOD (OP) REPRESENTS THAT PORTION OF A LEG OR LEGS DURING WHICH A SENSOR WAS TURNED ON.